紫堇属模式标本馆藏现状及分析

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摘要：模式标本是发表新种的依据，对稳定物种学名至关重要。紫堇属（*Corydalis* DC.）隶属于罂粟科（Papaveraceae）荷包牡丹亚科（Fumarioideae）紫堇族（Corydaleae），是分类学研究的困难属之一。该研究首先基于《中国植物志》、*Flora of China* 以及全球物种名录查询获得被认可的 526 个紫堇属物种名录，然后通过检索全球数字化植物标本数据库、全球生物多样性信息网络数据库和中国数字植物标本馆获得了其中 395 个物种 1 894 份模式标本，最后对获得的标本信息进行核实、整理和归纳，提取模式类型、馆藏地、采集人、模式产地和采集时间等关键信息进行统计分析。结果表明：紫堇属每个物种平均仅有约 5 份模式标本；该属模式标本散落在全球 80 个标本馆中，其中约 85%为国外采集者采集。未来应当结合文献，加强对该属模式标本的信息考证和规范化整理。

关键词：模式标本，标本馆，主模式，数字化，紫堇属

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Statistical analysis of type specimens of *Corydalis*

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Abstract: Type specimen is the original specimen from which a new species description is created, and is very important to stabilize the scientific name of the species. *Corydalis* DC. (tribe Corydaleae, subfamily Fumarioideae, Papaveraceae) was recognized as one of the largest and most taxonomically challenging genera in the world. In this study, the species list of *Corydalis* from China (526 species) was firstly obtained. Of them, a total of 1 894 type specimens from 395 species were obtained by searching the JSTOR, GBIF and CVH databases. Then some key information, such as the resource type, herbarium, collector, type locality and collection date, were retrieved and analyzed. Our results showed that there are about five type specimens of *Corydalis* in average. These specimens were preserved in the 80 herbaria of abroad, and more than 85% of them were collected by foreign collectors. In the future, we should further focus on the normalized arrangement and the procedure of digitization of type specimens of *Corydalis*.

Key words: type specimen, herbarium,holotype, digitization, *Corydalis*

模式标本作为发表新种的凭证，对稳定植物学名至关重要，在分类学研究中有着不可替代的

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价值。为了使各种植物的名称与其所指的物种之间具有固定的、可以查询的依据，在给新物种命名时，除了要有拉丁文的特征描述和图解外，还要指定该物种的模式标本，作为日后核查、研究的有效资料。模式标本往往附有原始文献及较高画质影像，是从事植物分类学研究的重要科学依据，对于开展专科专属研究、编写植物志、开展资源合理开发利用以及生物多样性保护等都具有十分重要的意义（沈晓琳等, 2010；Soltis, 2017）。

标本数字化使得标本的形态、地理分布、采集等主要信息得到最大限度的永久保存，极大地方便了标本信息的共享（王仁赞等，2012；林祁等, 2017）。植物标本数字化始于二十世纪七八十年代的欧美发达国家（覃海宁和杨志荣, 2011）。标本数字化一般包括标本的修复和规范化整理、分类鉴定、图像获取及处理、电子信息获取、地理位置的描述与地标化处理等步骤（陈建平和许哲平, 2021）。近年来，植物标本数字化和数字植物标本馆建设在全球得到了极大的推动。世界各地先后成立了多个网络平台提供数据查询和数据共享服务，如中国的国家标本资源共享平台（NSII, http://www.nsii.org.cn/2017/home.php）、美国国家标本数字化平台（iDigBio, https://www.idigbio.org/）、澳大利亚生物多样性信息系统（http://www.ala.org.au/）以及整合了多地多家单位的全球标本数据最大的共享平台—生物多样性信息网络（Global Biodiversity Information Facility, GBIF）（https://www.gbif.org/）等。

伴随植物标本数字化的快速发展，模式标本的数字化和数据共享得到了极大地推动。2004年非洲植物倡议（African Plants Initiative, API）标志着全球模式标本数字化工作的开始，随后，拉丁美洲植物倡议（Latin American Plants Initiative, LAPI）和全球植物倡议（Global Plants Initiative, GPI）也应运而生。目前，全球数字化植物标本数据库 JSTOR（https://plants.jstor.org/）共享了全球 300 余家主要标本馆近 300 万份高分辨率的植物模式标本（截止到 2021 年 9 月），极大满足了分类学家对模式标本的需求。二十世纪三四十年代，秦仁昌、方文培等早期植物分类学家在欧美访学期间拍摄了大量模式标本的照片，可视为我国模式标本数字化的雏形。但是国内大规模的植物模式标本数字化是伴随 2006 年植物标本全面数字化开始的，截止到 2017 年国内有 80 余个教学科研单位的标本馆（室）开展了模式标本数字化（林祁等, 2017）。我国各大标本馆的植物模式标本数字化之后，主要通过中国数字植物标本馆（Chinese Virtual Herbarium, CVH）（https://www.cvh.ac.cn/）平台向广大科研工作者共享。此外，CVH 还通过与国外大型标本馆的数据共享，获得了大量散落在国外的中国模式标本数据。截止到 2017 年，CVH 数据库收录了超过 5 万份模式标本，约占我国模式标本馆藏总量的 80%（刘慧圆和覃海宁, 2017；谢丹等, 2021）。全球模式标本的数字化以及数据共享为广大分类学者获取模式标本的详细信息，开展分类修订工作提供了极大地便利，但是这些数据库在使用过程中能否满足分类学者对模式标本的基本需求，以及在使用时存在哪些问题，目前并未见到有量化的分析。

我们以紫堇属为例，对其模式标本进行检索、统计和分析，获得了紫堇属物种模式标本的馆藏地、产地、采集时间及采集人等重要的时空信息。旨在探讨模式标本的馆藏现状、模式标本数据库的使用以及数字化过程中文献考证的必要性，为数字化模式标本的使用提供重要参考；同时为紫堇属物种产地模式标本的采集提供参考，为该属的分类和系统学研究奠定重要基础。

紫堇属（*Corydalis* DC.）是广义罂粟科（Papaveraceae *s.l.*）最大的属，隶属于荷包牡丹亚科（Fumarioideae）紫堇族（Corydaleae）。该属成立于 1 805 年，广布于除北极以外的北半球温带地区。该属约 460～500 种，隶属于 41 个组，我国产该属 39 个组，共计约 360 种，其中近 60%为我国特有种（吴征镒等, 1999; Zhang et al., 2008）。紫堇属物种生态幅广阔，可以适应中低海拔亚热带和温带森林、亚高山针叶林林缘，以及亚高山和高山草甸灌丛、荒漠、高山流石滩，甚至是环境恶劣的石灰岩、石隙等多种生境（吴征镒等, 1999）。紫堇属绝大部分分类群含有多种生物碱，具有较高的药用价值，在中医和藏医中有较多的记载，其中延胡索（*Corydalis*

yanhusuo）、夏天无（*C. decumbens*）和地丁草（*C. bungeana*）被写入《中华人民共和国药典》（2020 版）。此外，该属植物花色艳丽、花型别致、姿态优美，具有很好的观赏价值。

该属自建立以来，属的命名人、后选属模式以及属下亚属及组的范围都存在很大的争议（吴征镒等, 1999; 王英伟, 2006; Zhang et al., 2008; Zhang et al., 2008; Pérez-Gutiérrez et al., 2012, 2015）。紫堇属植物形态特征极为复杂，花（包含雌蕊、柱头、花冠管、距、苞片、萼片等）、果实、根等多个器官都极其复杂多变，少数种的种内多态性达到了惊人的水平，是一个分类困难的大属（吴征镒等, 1996）。由于本属种类众多，且特有现象显著、生境特殊，导致野外调查及标本积累有限，一些特有种类仅见模式标本。要完善该属的分类，有必要对该属的模式标本信息进行彻底清查。

1 材料与方法

1.1 紫堇属物种名录整理

检索《中国植物志》、*Flora of China*（FOC）、植物智数据库（http://www.iplant.cn/）和全球物种名录数据库（Catalogue of Life, Version2021-08-25）（https://www.catalogueoflife.org/annual-checklist/）中记载的所有紫堇属物种（变种、亚种等种下单位按照种来统计），结合国际植物物种名录索引数据库（International Plant Name Index, IPNI, https://www.ipni.org/）和植物物种名录数据库（The Plant List, http://www.theplantlist.com/）对其进行初步考证和整理，去除所有异名，最终获得目前被广泛接受的紫堇属物种名录。

1.2 中国紫堇属物种模式标本的检索和统计分析

在进行模式标本查询时，我们在全球数字化植物标本数据库（JSTOR，http://plants.jstor.org/）、国家植物标本资源库（CVH，http://www.cvh.ac.cn/）以及全球生物多样性信息网络（GBIF，https://www.gbif.org/）中进行逐一检索。对每一份检索得到的模式标本记录其模式类型、馆藏地（标本馆）、馆藏号、采集人、采集时间和产地信息，如果数据库或者标本上未指明模式类型或者指定的模式类型具有明显错误，我们均标注为未知类型（Type）。最后，利用excel对其进行统计分析。世界各大标本馆的所属地及代码信息来源于纽约植物园标本馆数据库（http://sweetgum.nybg.org/science/ih/）。

2 结果与分析

2.1 紫堇属物种名录

《中国植物志》记载了 288 个紫堇属物种，隶属于 39 组；*Flora of China* 记载了 358 个紫堇属物种，隶属于 40 组 5 个系；全球物种名录数据库中记载了 522 个紫堇属物种。排除重复名和异名之后，共获得 526 个被接收的紫堇属物种名（附录）。

2.2 模式标本数量及分布

526 个紫堇属物种中有 131 个物种（约占 25%）未检索到模式标本或者仅有异名的模式标本，剩余 395 个物种共查询到 1 894 份模式标本（附录）。在搜索的三大数据库中，紫堇属模式标本数目最多的是 JSTOR 数据库，有 1 231 份（占总数 65.0%）；其次是 GBIF 数据库，有 903 份（占总数 47.7%）；数量最少的是 CVH 数据库，仅有 542 份模式标本（占总数 28.6%）（图 1）。

从单个物种模式标本的数目来看，单个物种模式标本数最多的是 *Corydalis aurea*，有 102 份模式标本（附录）；仅有 42 个物种含有 10 份及以上数目的模式标本，不足紫堇属物种总数的 10%；7 个物种含有 9 份模式标本；12 个物种含有 8 份模式标本；20 个物种含有 7 份模式标本；27 个物种含有 6 份模式标本；29 个物种含有 5 份模式标本；40 个物种含有 4 份模式标本；58 个物种含有 3 份模式标本；69 个物种含有 2 份模式标本；有 91 个物种仅有 1 份模式标本，约占紫堇属物种总数的 17%（图 2）。



图 1 不同数据库中紫堇属模式标本数目比较

Fig. 1 Number of type specimens in different databases

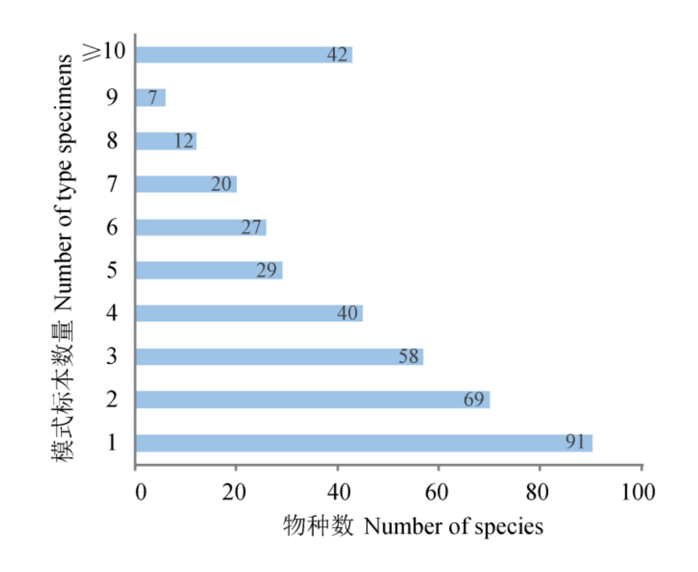


图 2 单个物种模式标本数量统计

Fig. 2 Number of type specimens of each species

2.2 模式标本类型

根据数据库记录 1 894 份紫堇属模式标本中，超过 50%的模式标本未指定类型（隶属于 226 个物种），其余确定类型的模式标本数量最多的是等模式（Isotype）544 份（隶属于 247 个物种），其次是主模式（Holotype）176 份（隶属于 164 个物种）、副模式（Paratype）69 份（隶属于 28 个物种）、合模式（Syntype）62 份（隶属于 28 个物种）、等合模式（Isosyntype）43 份（隶属于 24 个物种）、等候选模式（Isolectotype）27 份（隶属于 13 个物种）、后选模式（Lectotype）7 份（隶属于 6 个物种），原始材料（Original material）14 份（隶属于 11 个物种），还有 1 份产地模式（Topotype）（隶属于 1 个物种）（表 1）。在 164 个查询到主模式的物种中，有 8 个物种（*C. cheilosticta*，*C. curviflora*，*C. flexuosa*，*C. jonesii*，*C. schusteriana*，*C. sheareri*，*C. solida*，*C. taliensis*）含有超过一份主模式标本，均为种内含有多个种下单位的物种（附录）。

2.3 馆藏地分析

1 894 份紫堇属物种模式标本分别收藏于全球 80 个标本馆中（附录）。馆藏紫堇属模式标本量最多的是英国爱丁堡皇家植物园标本馆（E）（291 份），其次是英国皇家植物园邱园标本馆

（K）（237 份）和柏林–达勒姆植物园标本馆（B）（210 份），其他馆藏紫堇属模式标本超过 20 份的标本馆还包括中国科学院植物研究所标本馆（PE）（172 份）、法国国家历史自然博物馆标本馆（P）（167 份）、英国自然历史博物馆（BM）（116 份）、美国哈佛大学植物标本馆（HUH）（77 份）、中国科学院昆明植物研究所标本馆（KUN）（72 份）、美国迈阿密大学标本馆（MU）（49 份）、美国史密森研究院标本馆（US）（49 份）、瑞士日内瓦植物园（G）（45 份）、纽约植物园标本馆（NYBG）（45 份）、瑞典乌普萨拉大学演化博物馆（UPS）（37 份）、美国圣塔安那农场植物园标本馆（RSA）（35 份）、瑞典哥德堡大学标本馆（GB）（34 份）、瑞典国家自然历史博物馆（S）（26 份）、美国费城自然科学研究院标本馆（PH）（24 份）（图 3：A）。

表 1 不同类型模式标本数量及其对应物种数

Table 1 Number of type specimens and its corresponding species

模式类型 Resource type	模式标本数量 No. type specimens	对应物种数目 No. species
等模式 Isotype	544	247
主模式 Holotype	176	164
副模式 Paratype	69	28
合模式 Syntype	62	28
等合模式 Isosyntype	43	24
等后选模式 Isolectotype	27	13
原始材料 Original material	14	11
后选模式 Lectotype	7	6
产地模式 Topotype	1	1
未指定类型 Type	951	226
总计 total	1 894	395

2.4 采集时间分析

1 894 份紫堇属模式标本中，有 1 478 份标注了采集日期，年代分布如图 3：B 所示。紫堇属模式标本采集开始于 1691 年，该模式标本为刻叶紫堇（*Corydalis incisa*）的两份未知类型的模式标本，现均藏于英国自然历史博物馆（BM）标本馆中，由 Kaempfer E 采自于日本。数据库中能查询到的最新采集记录为 2007 年，这一年采集了文县紫堇（*C. amphipogon*）、匍匐茎紫堇（*C. stolonifera*）、泉涌花紫堇（*C. anthocrene*）和近泽黄堇（*C. helodes*）4 个物种共 6 份模式标本。1880—1939 年期间采集的模式标本最多，约占总数的 45%（图 3：B），其中 1922 年采集的中国紫堇属模式标本最多，高达 87 份（图 3：B；附录）。

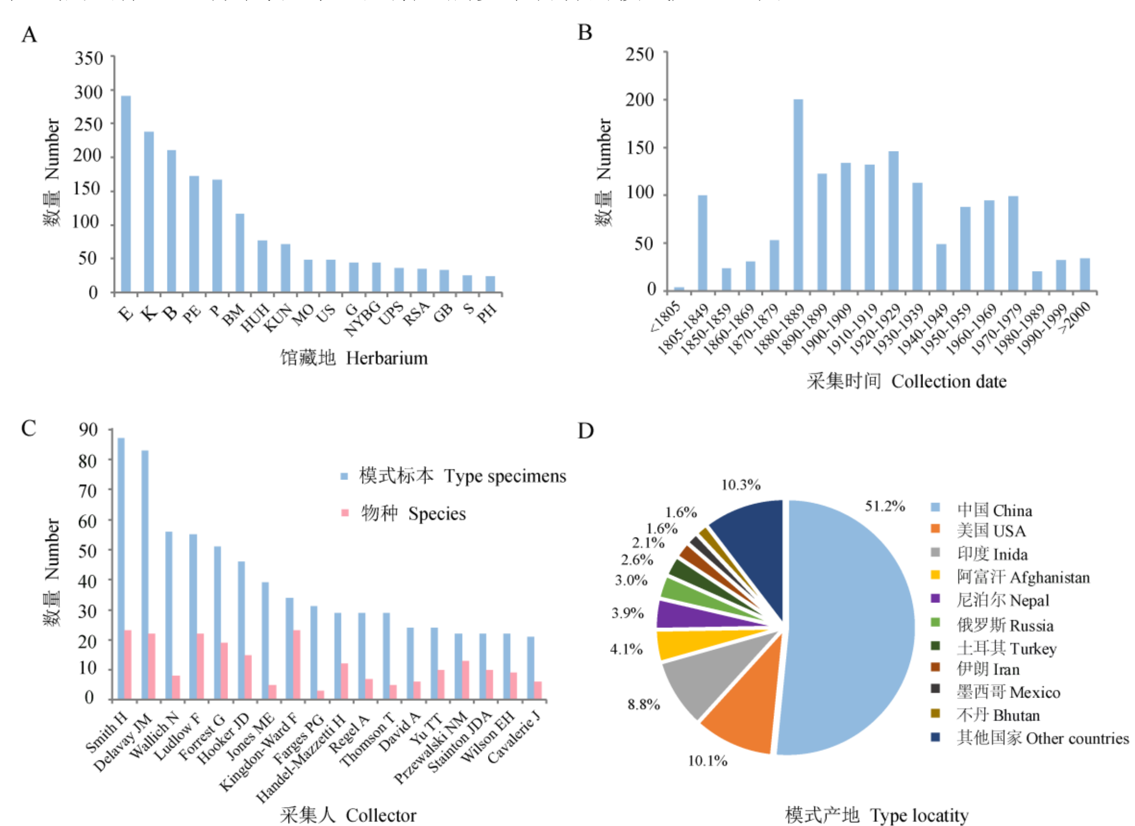
2.5 采集人分析

1 894 份紫堇属模式标本中，有 1 791 份包含采集人信息。其中中国学者采集的模式标本有 227 份，不到总数 15%；国外学者采集的模式标本有 1 567 份，超过总数的 85%（若为中外学者合作采集，按照排序第一位采集人统计）。国内学者中采集紫堇属模式标本数目最多的是俞德浚（Yu TT）先生，共采集 10 个物种 24 份模式标本；国外学者中采集数目最多的是瑞典植物分类学家 Smith H，共采集 23 个物种 87 份模式标本（图 3；附录）；此外，法国人 Delavay JM、Cavalerie J 和 David A，丹麦人 Wallich N，英国人 Ludlow F、Hooker JD、Forrest G、Farges PG、Kingdon-Ward F、Thomson T、Wilson EH，奥地利人 Handel-Mazzetti H 以及俄国人 Przewalski NM、Regel A 等也采集了较多的紫堇属模式标本（图 3：C）。国外这些重要的采集者共采集 704 份紫堇属模式标本，约占总数的 40%。

2.6 模式产地分析

1 894 份紫堇属模式标本中，其中 1 819 份有采集地记录，不过绝大多数仅记录大地点，比

如将采集地记为中国、印度、锡金、阿富汗等；有些地点记录沿用当地习惯，根据现有网络和文献资源查找困难，比如吊大板、瓜捡坡等；或者记录为派区多雄山、敏拉山顶、二龙河等山川、河流小地点；部分模式标本由于采集时间较早，其采集地行政区划或名称与如今标准有所不同，需要进一步查询相关资料才能确定其地理位置；还有一些在国外采集的模式标本，或者在中国采集到的模式标本，但是用英文、法文或者其他国家的语言记录，单词拼写错误或者语法不对，以至于无法准确定位。本研究仅对这些模式标本的产地按照国家进行了简单统计，发现紫堇属模式标本采自全球 49 个国家和地区，其中约 50%的模式标本采自中国，美国、印度、阿富汗、尼泊尔、俄罗斯、土耳其等国家也是紫堇属多个物种的模式产地（图 3：D）。



馆藏量低于 20 份的标本馆（**A**）以及采集量低于 20 份的采集者（**C**）未展示。各标本馆代码含义参考附录。

The herbarium (**A**) or the collector (**B**) owned less than 20 type specimens of *Corydalis* are not shown. The detailed information of herbarium is shown in Appendix.

图 3 紫堇属物种模式标本信息统计

Fig. 3 Information of type specimens of *Corydalis*

3 讨论与结论

一份完整合格植物模式标本在进入标本馆内进行编目保存时，应该具有最基本的信息，如物种名、馆藏地、馆藏号、采集人、采集地、采集日期、模式类型、原始文献等，以便于相关人员参考、查阅。通过对紫堇属物种模式标本的查询和统计分析，我们发现该属的模式标本主要存在以下问题。首先，模式标本数量严重不足。由于一份标本难以同时展现一株植物不同时期不同部位的典型特征，因此每个物种应具有较多数量和较多类型的模式标本来稳定其学名以便于分类学研究。根据 Baum（1996）的估计，全球每个物种平均有 10 份模式标本（包括种下的变种、变型、亚种等分类等级）。而根据我们的统计结果，紫堇属每个种平均仅有不足 5 份模式标本，远低于世界平均水平。超过 10 份模式标本的物种占该属总物种数目的不足 10%，约 17%的物种仅有一份模式标本。其次，模式标本存在大量信息缺失或错误。主要表现为该属约 25%物种找不

到其模式标本，仅约 30%的物种查询到主模式标本，有约一半的模式标本未指定模式类型，已认定模式类型的标本也存在大量错误信息，采集地点记录的过于笼统模糊，缺少采集时间、采集人和采集号等关键信息（附录）。

导致紫堇属模式标本信息缺失或有误的原因可能有（1）该属分类困难，不同学者对同一类群的界定及分类等级存在诸多争议。我们以目前接受的学名为基础，查询模式标本时仍然检索到大量异名的模式标本（未展示）。（2）模式标本采集时信息记录不全。比如二十世纪早期甚至更早采集的一些标本，因为没有统一标准，不同学者在进行信息录入时习惯不同，比如很多标签上未添加采集地点、采集人、采集号、生境、性状信息，给模式标本考证带来了巨大挑战。（3）不可抗拒的外力，如战乱、自然灾害以及人为因素等造成标本损毁或遗失等。（4）数字化过程中造成的关键信息丢失或错误记录。模式标本数字化过程缺乏统一标准，比如同一个采集者或者采集地点用不同的方式表示，如英国植物学家乔治 福雷斯特就有四种记录方式 Forrest G、Forrest George、G Forrest、George Forrest；还有很多国内早期分类学家时而用中文名，时而用英文名等，而相关工作人员在数字化的过程中又没有详细考证，或直接忽略这些重要信息，或将这些关键信息记录错误。（5）缺乏原始文献考证。部分分类学研究人员在描述新种时未引证、未指定主模式、或者引证的研究材料较少，很多情况仅 1 份标本。而相关工作人员在进行数字化时，又未对原始文献考证，导致出现大量未知类型的模式标本，甚至模式标本类型的错误归属。

近年来，植物标本（包括模式标本）数字化得到了极大地推动，大部分标本馆的模式标本数字化工作已基本完成，如英国爱丁堡皇家植物园标本馆（E)、法国国家自然历史博物馆（P）以及中国科学院植物研究所标本馆（PE）等。但是仍有很多标本馆还未完成模式标本的数字化或者由于管理不善、经费不足等原因未能开始模式标本的数字化。据统计，英国皇家植物园邱园标本馆（K）和东京大学标本馆（TI）尚未数字化完全（谢丹等, 2021）。在我国目前登记在册的标本馆有接近 400 家（陈建平和许哲平, 2021），但是参与数字化的标本馆还不足 100 家（林祁等, 2017）。这些均有可能导致大量紫堇属模式标本“隐藏”在普通标本中，给我们利用数据库开展基于模式标本的分类研究带来了不便。此外，全球已经完成数字化的植物模式标本目前主要通过 JSTOR、GBIF 和 CVH 数据库共享，但是每个数据库中共享数据的完整性如何，目前还未见有研究对其开展量化评估。我们的结果显示，尽管我国是紫堇属的多样性中心，但是 CVH 数据库中收录的该属模式标本远不及JSTOR 和GBIF,三个数据库共享的紫堇属模式标本不足 1/10。这也提示我们未来在使用数据库查询模式标本时要综合多个数据库来使用。

在标本数字化过程中，我们不仅要关注“量”的提高，更要注重“质”的提升。正如我们对紫堇属模式标本馆藏现状分析结果，其中出现的种种问题主要是由于模式标本数字化不规范造成的。林祁等（2017）总结了模式标本数字化过程中的一些常见问题，提出了植物模式标本数字化的规范流程和技术路线，并对一些可能遇到的问题提出了解决方案。在今后模式标本数字化过程中相关工作人员可参考此标准，加大对合格标本入库编目的审核，加强对模式标本信息、尤其是原始文献的考证，对所有模式标本进行统一规范化整理。此外，应当尽快推动国内中小型标本馆的数字化，补充更多的模式标本信息。另外，鼓励今后的学者们发表新种时，严格按照命名法规来处理且尽量将模式标本保存在国内几家大型标本馆里，以方便管理，防止丢失。此外，还应加派相关工作人员到国外植物模式标本储量丰富的国家对模式标本进行搜集与整理，并且加强与国外模式标本数据库的信息共享，来丰富我国的模式标本信息。

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附录：紫堇属物种名录及模式标本

Appendix: Catalogue and type specimens of *Corydalis*

物种 Species	模式标本类型 Resource type	馆藏地 Herbarium	馆藏号 Catalog No.	采集人 Collector	采集号 Col. No.	采集时间 Col. date	模式产地 Type locality	数据库 Database	备注 Remark
C. aconitiflora	Isotype?	BM	BM000551653	Kingdon-Ward F	22798		Myanmar	GBIF	
	Holotype	GB	GB-0048296	Kingdon-Ward F	22798	1956	Myanmar	GBIF	
松潘黄堇	Holotype	B	B_10_0294578	Smith H	3659	1922	China	GBIF/JSTOR	
C. acropteryx	Syntype	E	E00062212	Smith H		1922	China	CVH	
	Syntype	E	E00062213	Smith H	3659	1922	China	JSTOR	
	Isotype	GB	GB-0048297	Smith H	3659	1922	China	GBIF/JSTOR	
	Isotype	LD	LD1415370	Smith H		1922	China	GBIF	
	Isotype?	UPS	V-031613	Smith H		1922	China	GBIF	
川东紫堇	Holotype	PE	00934535	李洪钧	4306		China	CVH	ssp. *hupehensis*
C. acuminata	Type	B	B_10_0294577	Farges PG	622		China	GBIF/JSTOR	
	Isotype	K	K000653528	Farges RP			China	GBIF/JSTOR	
	Type	P	P00733173	Farges RP	622		China	CVH/GBIF/JSTOR	
	Type	P	P00733175	Farges RP	622		China	CVH/GBIF/JSTOR	
	Type	P	P00733176	Farges RP	622		China	CVH/GBIF/JSTOR	
	Type	P	P00733177	Farges RP	622		China	CVH/GBIF/JSTOR	
	Type	P	P00733178	Farges RP	622		China	CVH/GBIF/JSTOR	
	Type	P	P00733180	Farges RP	622		China	CVH/GBIF/JSTOR	
铁线蕨叶黄堇	Type	BM	BM000551663	Thomson T				GBIF/JSTOR	
C. adiantifolia	Isotype	HUH	A00007034	Thomson T			India	GBIF	
	Type	B	B_10_0294575	Schlagintweit		1856	China	GBIF/JSTOR	
	Type	B	B_10_0294576	Thomson T			China	GBIF/JSTOR	
	Isotype	E	E00062318	Thomson T			India	JSTOR	
	Isotype	G	G00383123	Thomson T			India	JSTOR	
	Isotype	G	G00383132	Thomson T			India	JSTOR	
	Isotype	G	G-G-289534/1	Thomson T			India	GBIF	
	Isotype	G	G-G-289534/2	Thomson T			India	GBIF	
	Type?	K	K000653634	Thomson T	373	1848	India	JSTOR	
	Type?	K	K000653635	Thomson T	368	1848	India	JSTOR	
	Type?	K	K000653636	Thomson T	370	1848	India	JSTOR	
	Isotype	L	L0035399	Thomson T			India	GBIF/JSTOR	
	Type	LD	LD1689254	Smith H			India	GBIF	
	Paratype	STU	Main-1-12736	Thomson T			India	GBIF	
	Type?	NYBG	NY00248512	Thomson T			India	GBIF/JSTOR	
	Type?	P	P00733179	Hooker JD			India	GBIF/JSTOR	
	Type?	S	S-G-10166	Webster GL; Nasir	6333	1955	Kashmir	JSTOR	
东义紫堇	Isotype	PE	00934536	四川植被调查队	2354	1973	China	CVH	
C. adoxifolia	Isotype	CDBI	CDBI0172131	四川植被调查队	2354	1973	China	CVH	
	Isotype	CDBI	CDBI0172132	四川植被调查队	2354	1973	China	CVH	
	Isotype	CDBI	CDBI0172133	四川植被调查队	2354	1973	China	CVH	
灰绿黄堇	Isosyntype	PE	00029094	Piasezky		1875	China	CVH	
C. adunca	Type	B	B_10_0294573				China	GBIF	
	Syntype	E	E00062234	Smith H	2552	1922	China	CVH	
	Isotype	E	E00062235	Ching RC	843	1923		CVH/GBIF	
	Syntype	LD	LD1415430	Smith H		1922	China	GBIF	
艳巫岛紫堇									未查询到 Not found
C. aeaeae									
湿崖紫堇									未查询到 Not found
C. aeditua									
C. afghanica	Isotype	E	E00062148	Podlech D	20088	1971	Afghanistan	GBIF/JSTOR	ssp. *tenuis*
	Isotype	E	E00062149	Podlech D	20088	1971	Afghanistan	JSTOR	ssp. *tenuis*
	Type	E	E00410846	Hedge IC et al.	W2854	1962	Afghanistan	JSTOR	
	Type	E	E00410847	Hedge IC et al.	W2916	1962	Afghanistan	JSTOR	
	Holotype	GB	GB-0048298	Wendelbo P et al.	W7369b	1969	Afghanistan	GBIF/JSTOR	ssp. *elegans*
	Holotype	MSB	MSB113316	Podlech D	20088	1971	Afghanistan	GBIF/JSTOR	ssp. *tenuis*
C. aitchisonii	Isotype	HUH	A00007002	Aitchison JET	122	1884	Afghanistan	GBIF	
	Type	E	E00410843	Wendelbo P et al.	W8072	1969	Afghanistan	JSTOR	
	Type	E	E00410844	Breckle SW	1619	1969	Afghanistan	JSTOR	
	Type	E	E00410845	Freitag H	4588	1969	Afghanistan	JSTOR	
	Isotype	K	K000653496	Aitchison JET	122	1885	Afghanistan	JSTOR	

物种 Species	模式标本类型 Resource type	馆藏地 Herbarium	馆藏号 Catalog No.	采集人 Collector	采集号 Col. No.	采集时间 Col. date	模式产地 Type locality	数据库 Database	备注 Remark
贺兰山延胡索	Paratype	E	E00015305	Ching RC	79	1923	China	CVH/GBIF	
C. alaschanica	Isotype	K	K000653529	Przewalski NM	202	1873	China	GBIF/JSTOR	
C. alexeenkoana									未查询到 Not found
C. alpestris	Type	E	E00410857	Stainton JDA et al.	6046	1960	Turkey	JSTOR	
	Type	GOET	GOET009356	Huet du Pavillon E		1853	Armenia	GBIF	
C. amarnathiana									未查询到 Not found
	Type	K	K000653479	Zorab M	418		Turkey	JSTOR	
	Type	K	K000653481	Huet du Pavillon		1853	Turkey	JSTOR	
	Isotype	P	P00733185	Meyer CA	1574	1830	Russia	GBIF/JSTOR	
	Isotype	P	P00733186	Meyer CA		1830		GBIF	
C. ambigua	Paratype	IFP	06203007zb001	邓玉诚	789	1966	China	CVH	f. *dentata*
	Holotype	IFP	06203999za001	邓玉诚	904	1966	China	CVH	f. *dentata*
	Isotype	HUH	A00007282	Chamiso LKA		1816	Russia	GBIF	
	Type	HUH	A00007284	Fr. Schmidt			Russia	GBIF	
	Type?	B	B_10_0294564	Maximowic			Russia	GBIF/JSTOR	
	Type	B	B_10_0294565	Chamiso LKA		1816	Russia	JSTOR	
	Type	B	B_10_0294566	Chamiso LKA		1816	Russia	JSTOR	
	Type	B	B_10_0294567	Peters			Russia	GBIF/JSTOR	
	Type	HAL	HAL0098614				Russia	JSTOR	
	Type	K	K000653497			1816	Russia	JSTOR	
	Type	K	K000653498				Russia	JSTOR	
	Type	K	K000653532	Takeda H		1909	Japan	JSTOR	var. *papillosa*
	Type	K	K000653533	Takeda H		1907	Japan	JSTOR	var. *papillosa*
	Type	K	K000653534	Tokubuchi Y		1889	Japan	JSTOR	var. *papillosa*
	Isotype	P	P00733192	Chamiso LKA		1816	Russia	GBIF/JSTOR	
	Isotype	P	P00733194	Chamiso LKA		1816	Russia	GBIF/JSTOR	
	Isotype	P	P00733196	Chamiso LKA		1816	Russia	GBIF/JSTOR	
	Type?	P	P00745081	Maximowicz CJ			Russia	JSTOR	
	Type?	P	P00745083	Radde G			Russia	JSTOR	
	Type?	P	P00745084	Pflugrath				JSTOR	
	Isotype	UPS	V-091647	Chamiso LKA			Russia	GBIF	
	Isotype	UPS	V-091654	Maximowicz				GBIF	
攀援黄堇	Isotype	HUH	A00286277	高黎贡山调查队	25904	2005	China	GBIF	
C. ampelos	Isotype	CAS	CAS0008369	高黎贡山调查队	25904	2005	China	GBIF/JSTOR	
	Isotype	HUH	GH00286277	高黎贡山调查队	25904	2005	China	CVH	
	Isotype	UPS	V-237193	高黎贡山调查队		2005	China	GBIF	
文县紫堇	Isotype	PE	01432744	Boufford DE; Jia Y	37619	2007	China	CVH	
C. amphipogon	Isotype	HUH	A00268619	Boufford DE; Jia Y	37619	2007	China	CVH/GBIF	
	Holotype	UPS	V-237948	Boufford DE; Jia Y		2007	China	GBIF	
圆萼紫堇									未查询到 Not found
C. amplisepala									
藏中黄堇	Type	BM	BM000574950	Ludlow F; Sherriff	9698	1943	China	GBIF/JSTOR	
C. anaginova	Type	E	E00062160	Ludlow F; Sherriff	9698	1943	China	JSTOR	
齿瓣紫堇									未查询到 Not found
C. ananke									
莳萝叶紫堇									未查询到 Not found
C. anethifolia									
C. angustifolia	Type	E	E00410741	Archibald JC	1114	1966	Iran	JSTOR	
泉涌花紫堇	Isotype	UPS	V-236420	Lidén M et al.		2007	China	GBIF	
C. anthocrene									
细距紫堇									未查询到 Not found
C. angusta									
峨参叶紫堇	Type	B	B_10_0294563	David A		1869	China	GBIF/JSTOR	
C. anthriscifolia	Holotype	P	P00733195	David A		1869	China	CVH/GBIF/JSTOR	
小距紫堇	Holotype	WU	WU0039938	Handel-Mazzetti H	7277	1915	China	JSTOR	
C. appendiculata									
假漏斗菜紫堇	Type	KUN	0136705	Boufford DE et al.	24795	1988	China	CVH	
C. aquilegioides									
C. arctica									未查询到 Not found
C. arcuata									未查询到 Not found
阿敦紫堇	Type	B	B_10_0294561	Kingdon-Ward F		1911	China	GBIF	
C. atuntsuensis	Holotype	E	E00062178	Kingdon-Ward F	60	1911	China	CVH/GBIF	

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C. aurantiaca	Isotype	US	2815240	Ludlow F	16830	1949	Bhutan	GBIF	
	Isotype	HUH	A00006932	Ludlow F et al.	16830	1949	Bhutan	GBIF	
	Type	BM	BM000551666	Ludlow F et al.	16830	1949	Bhutan	GBIF	
	Isotype	E	E00062272	Ludlow F et al.	16830	1949	Bhutan	GBIF	
	Isotype	K	K000653640	Ludlow F et al.	16830	1945	Bhutan	GBIF	
C. aurea	Paratype	MSC	7623	Davis C		1891	USA	GBIF	
	Isotype	US	257905	Tweedy F	123	1895	USA	GBIF	var. *longibracteata*
	Isotype	US	493706	Collins JF et al.	85	1905	Canada	GBIF	var. *robusta*
	Isotype	MO	1598743	Goodding LN	2071	1903	USA	GBIF	ssp. *aurea*
	Isotype	MO	1811043	Pringle CG	3480	1885	Mexico	GBIF	
	Type	MO	1811106	Goodding LN	1501	1903	USA	GBIF	ssp. *aurea*
	Type	MO	1811110	Baker CF et al.	304	1898	USA	GBIF	ssp. *aurea*
	Type	MO	1811115	Jones ME	5035	1894	USA	GBIF	ssp. *aurea*
	Type	MO	1811462	Purpus CA	6550	1896	USA	GBIF	ssp. *aurea*
	Type	MO	1812016	Geyer CA		1842	USA	GBIF	ssp. *aurea*
	Type	MO	1819104	Engelmann G		1874	USA	GBIF	ssp. *aurea*
	Type	MO	1819105	Engelmann G		1874	USA	GBIF	ssp. *aurea*
	Type	MO	3591364	Fendler A	17	1847	USA	GBIF	ssp. *aurea*
	Isotype	HUH	A00006803	Curtiss AH	125a		USA	GBIF	var. *diffusa*
	Type	HUH	A00006805	Collins JF et al.	85	1905	Canada	GBIF	var. *robusta*
	Type	B	B_10_0279529		34	1835	USA	GBIF/JSTOR	var. *crystallinum*
	Type	B	B_10_0294560	Collins JF et al.	85	1905	Canada	GBIF/JSTOR	var. *robusta*
	Isosyntype	BR	BR0000005104178	Pringle CG	198	1998	Mexico	GBIF/JSTOR	var. *occidentalis*
	Type	K	K000653668	Lindheimer FJ	433			JSTOR	
	Type	LECB	LECB0001907				Canada	JSTOR	
	Isotype	MO	MO-176969	Goodding LN	2071	1903	USA	JSTOR	ssp. *aurea*
	Type	MO	MO-1889430	Riehl	450	1836	USA	JSTOR	var. *micrantha*
	Type	MO	MO-1889431	Fendler A	17	1847	USA	JSTOR	var. *aurea*
	Isotype	MO	MO-247674	Pringle CG	3480	1885	Mexico	JSTOR	
	Type	MO	MO-247677	Nelson A	369	1894	USA	JSTOR	ssp. *occidentalis*
	Type	MO	MO-247678	Baker CF	183	1901	USA	JSTOR	ssp. *occidentalis*
	Type	MO	MO-247679	Wooton EO		1901	USA	JSTOR	var. *occidentalis*
	Type	MO	MO-247680	Goodding LN	1501	1903	USA	JSTOR	ssp. *aurea*
	Type	MO	MO-247681	Baker CF et al.	304	1898	USA	JSTOR	ssp. *aurea*
	Type	MO	MO-247682	Jones ME	5035	1894	USA	JSTOR	ssp. *aurea*
	Type	MO	MO-247705	Purpus CA	6550	1896	USA	JSTOR	ssp. *aurea*
	Type	MO	MO-247709	Townsend CH et al.	163	1899	Mexico	JSTOR	ssp. *occidentalis*
	Type	MO	MO-247715	Geyer CA		1842	USA	JSTOR	ssp. *aurea*
	Isotype	MO	MO-255160	Baker CF	338	1899	USA	JSTOR	ssp. *occidentalis*
	Type	MO	MO-255163	Engelmann G		1874	USA	JSTOR	ssp. *aurea*
	Type	MO	MO-255164	Engelmann G		1874	USA	JSTOR	ssp. *aurea*
	Isotype	NDG	NDG20350	Baker CF	183	1901	USA	JSTOR	
	Isotype	NYBG	NY00218044	Riehl N		1845	USA	GBIF/JSTOR	var. *micrantha*
	Isotype	NYBG	NY00218045	Collins JF et al.	85	1905	Canada	GBIF/JSTOR	var. *robusta*
	Syntype	NYBG	NY00888278	Rusby HH	9	1880	USA	GBIF/JSTOR	var. *occidentalis*
	Syntype	NYBG	NY00888279	Fendler A	17	1847	USA	GBIF/JSTOR	var. *occidentalis*
	Syntype	NYBG	NY00888280	Rusby HH	9	1880	USA	GBIF/JSTOR	var. *occidentalis*
	Syntype	NYBG	NY00888281	Rusby HH	9	1880	USA	GBIF/JSTOR	var. *occidentalis*
	Syntype	NYBG	NY00888282	Rusby HH	9	1880	USA	GBIF/JSTOR	var. *occidentalis*
	Syntype	NYBG	NY00888284	Hall E et al.	31	1862	USA	GBIF/JSTOR	var. *occidentalis*
	Isotype	OSC	ORE34758	Leiberg JB		1894	USA	GBIF	
	Type	PH	PH00006759	Little H			USA	JSTOR	
	Type?	PH	PH00006760	Nuttall T et al.			USA	JSTOR	var. *montana*
	Type?	PH	PH00006761	Greene BD			USA	JSTOR	var. *micrantha*
	Type?	PH	PH00025670	Baldwin				JSTOR	
	Type?	PH	PH00025671	Baldwin				JSTOR	
	Type?	PH	PH00025672	Fendler A et al.	17	1847	USA	JSTOR	var. *occidentalis*
	Type	PH	PH00025673	Kern RH			USA	JSTOR	var. *occidentalis*
	Type	PH	PH00025674	Nuttall T			USA	JSTOR	var. *occidentalis*
	Type?	PH	PH00025675	Engelmann G		1866	USA	JSTOR	var. *micrantha*
	Type	PH	PH00076095	Beck I				JSTOR	
	Type	PH	PH00076096	Beck I			USA	JSTOR	

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	Type	PH	PH00076097	Geyer CA	82	1840	USA	JSTOR	
	Type	PH	PH00076098	Read J			USA	JSTOR	
	Paratype	RSA	RSA0004631	Pringle CG	198	1895	USA	GBIF/JSTOR	var. *occidentalis*
	Type	RSA	RSA0068621	Jones ME		1890	USA	JSTOR	var. *occidentalis*
	Type	RSA	RSA0068622	Jones ME		1930	USA	JSTOR	
	Type	RSA	RSA0068623	Jones ME		1930	USA	JSTOR	
	Type	RSA	RSA0068625	Jones ME		1878	USA	JSTOR	
	Type	RSA	RSA0068627	Jones ME		1909	USA	JSTOR	
	Type	RSA	RSA0068628	Jones ME		1905	USA	JSTOR	
	Type	RSA	RSA0068629	Jones ME		1909	USA	JSTOR	
	Type	RSA	RSA0068630	Jones ME		1904	USA	JSTOR	
	Type	RSA	RSA0068631	Jones ME		1891	USA	JSTOR	
	Type	RSA	RSA0068632	Jones ME		1880	USA	JSTOR	
	Type	RSA	RSA0068633	Jones ME		1923	USA	JSTOR	
	Type	RSA	RSA0068634	Jones ME		1880	USA	JSTOR	
	Type	RSA	RSA0068635	Jones ME		1894	USA	JSTOR	
	Type	RSA	RSA0068636	Jones ME		1901	USA	JSTOR	
	Type	RSA	RSA0068637	Jones ME		1880	USA	JSTOR	var. *occidentalis*
	Type	RSA	RSA0068638	Jones ME		1908	USA	JSTOR	
	Type	RSA	RSA0068639	Jones ME		1894	USA	JSTOR	
	Type	RSA	RSA0068640	Jones ME		1894	USA	JSTOR	
	Type	RSA	RSA0068641	Jones ME		1881	USA	JSTOR	
	Type	RSA	RSA0068642	Jones ME		1903	USA	JSTOR	var. *occidentalis*
	Type	RSA	RSA0068643	Jones ME		1903	USA	JSTOR	
	Type	RSA	RSA0068644	Jones ME		1891	USA	JSTOR	
	Type	RSA	RSA0068645	Jones ME		1894	USA	JSTOR	
	Type	RSA	RSA0068646	Jones ME		1908	USA	JSTOR	
	Type	RSA	RSA0068647	Jones ME		1908	USA	JSTOR	
	Type	RSA	RSA0068648	Jones ME		1894	USA	JSTOR	
	Type	RSA	RSA0068649	Jones ME		1883	USA	JSTOR	
	Type	RSA	RSA0068652	Jones ME		1884	USA	JSTOR	var. *occidentalis*
	Type	RSA	RSA0068653	Jones ME		1891	USA	JSTOR	
	Type	RSA	RSA0068654	Jones ME		1930	USA	JSTOR	
	Type	TCD	TCD0009150	Coulter T	664		Mexico	JSTOR	
	Isotype	US	US00099735	Collins JF et al.	85	1905	Canada	JSTOR	var. *robusta*
	Isosyntype	US	US00099740	Pringle CG	198	1885	Mexico	JSTOR	var. *occidentalis*
	Type	US	US01172175	Watson S	52	1869	USA	JSTOR	ssp. *aurea*
	Type	US	US01172176	Watson S	53	1869	USA	JSTOR	ssp. *aurea*
	Type	US	US01172177	Adams R		1871	USA	JSTOR	ssp. *aurea*
	Type	US	US01172178	Porter TC		1873	USA	JSTOR	ssp. *aurea*
	Type	US	US01172179	Wolf J		1873	USA	JSTOR	ssp. *aurea*
	Type	US	US01172185	Ward LF		1875	USA	JSTOR	var. *occidentalis*
	Type	US	US01172186	Wright C	1939	1851	USA	JSTOR	var. *occidentalis*
	Type	US	US01172187	Wolf J; Rothrock	776	1873	USA	JSTOR	var. *occidentalis*
	Isotype?	YU	YU244801	Collins JF et al.	85	1905	Canada	GBIF/JSTOR	var. *robusta*
高黎贡山黄堇	Type?	E	E00117467	Forrest G	8972	1912	China	JSTOR	
C. auricilla	Type?	E	E00209284	Forrest G	9151	1912	Myanmar	JSTOR	
	Holotype	UPS	V-237200	高黎贡山调查队		2005	China	GBIF	
耳柄紫堇	Holotype	BM	BM000574958	Kingdon-Ward F	19277	1950	China	GBIF/JSTOR	
C. auriculata	Isotype	E	E00062316	Kingdon-Ward F	19277	1950	China	CVH/GBIF/JSTOR	
	Isotype	E	E00062317	Kingdon-Ward F	19277	1950	China	CVH/JSTOR	
C. baekunnensis									未查询到 Not found
北越紫堇	Type	KUN	0136758		3285		China	CVH	
C. balansae	Type	KUN	0136760	Cavalerie J	916	1903	China	CVH	
	Type	B	B_10_0294556-A	Bon RP	2079	1883	Vietnam	JSTOR	
	Type	B	B_10_0294556-B	Balansa B	1557	1889	Vietnam	JSTOR	
	Type	B	B_10_0294557			1910	China	GBIF/JSTOR	
	Type	B	B_10_0294558	Wilson EH		1900	China	GBIF	
	Type	B	B_10_0294559	Kawakami T; Mori,U.		1906	China	GBIF	
	Type	E	E00062241	Cavalerie J		1900		CVH	
	Type	E	E00062242	Cavalerie J	3285	1909		CVH	
	Type	E	E00062243	Cavalerie J	3285	1909		CVH	

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	Type	E	E00062245	Cavalerie J	916	1903		CVH	
	Type	E	E00062246	Cavalerie J	916	1903		CVH	
	Type	K	K000653662	Balansa B	1557	1889	Vietnam	JSTOR	
	Type?	P	P00733199	Cavalerie J	3285	1915	China	CVH/GBIF/JSTOR	
	Holotype	P	P00733200	Balansa B	225	1889	Vietnam	GBIF/JSTOR	
珠芽紫堇									未查询到 Not found
C. balsamiflora									
髯萼紫堇	Holotype	KUN	0136789	Smith H	3816	1922	China	CVH	
C. barbisepala	Type	B	B_10_0294554-A	Weigold H		1914	China	JSTOR	
	Type	B	B_10_0294554-B	Smith H	3476	1922	China	JSTOR	
	Isotype	B	B_10_0294554-C	Smith H	3816	1922	China	JSTOR	
囊距紫堇	Isotype	KUN	0136804	Kingdon-Ward F	58	1911	China	CVH	
C. benecincta	Holotype	E	E00062186	Kingdon-Ward F	58	1911	China	CVH/GBIF/JSTOR	
	Type	E	E00209345	Forrest G	12991	1914	China	JSTOR	
梗苞黄堇									未查询到 Not found
C. bibracteolata									
C. biflora									未查询到 Not found
碧江黄堇									未查询到 Not found
C. bijiangensis									
双斑黄堇	Type	US	411858	Baker CF	183	1901	USA	GBIF	
C. bimaculata	Isotype	PE	02050392	青藏队补点组	751344	1975	China	CVH	
	Holotype	PE	02050393	青藏队补点组	751344	1975	China	CVH	
	Type?	HUH	A00006829	Baker CF	183	1901	USA	GBIF	
	Type	B	B_10_0294553	Baker CF		1901	USA	GBIF	
	Type?	NYBG	NY00218046	Baker CF	183	1901	USA	GBIF	
C. birmanica	Type	E	E00062322	Kingdon-Ward F	7575	1926	Myanmar	JSTOR	
C. blanda	Type	K	K000653397			1862	Greece	JSTOR	
	Type	K	K000653398	Orphanides TG	325		Greece	JSTOR	
	Type	K	K000653399	Orphanides TG	325	1854	Greece	JSTOR	
	Type	K	K000653400	Orphanides TG	325	1854	Greece	JSTOR	
	Type	UPS	V-091645	Maly			Montenegro	GBIF	
C. bombylina									未查询到 Not found
C. bonghwaensis									未查询到 Not found
那加黄堇	Type	KUN	0136832	Bor NL	6785	1935		CVH	
C. borii	Type	K	K000653464	Littledale StGR		1895	China	JSTOR	
	Type	K	K000653465	Thorold WG	133	1891	China	JSTOR	
	Type	K	K000653641	Bor NL	6785	1935	India	JSTOR	
	Type	K	K000653642	Bor NL	6349	1935	India	JSTOR	
	Type	K	K000653643	Bor NL	4456	1935	India	JSTOR	
C. bosbutooensis	Type	MSU	MW0592509	Lazkov GA		2005	Kyrgyzstan	GBIF	
	Isotype	UPS	V-234996	Lazkov GA		2005	Kyrgyzstan	GBIF	
江达紫堇									未查询到 Not found
C. brachyceras									
C. bracteata									未查询到 Not found
短轴黄堇									未查询到 Not found
C.									
蔓生黄堇									未查询到 Not found
C. brevirostrata									
褐鞘紫堇	Isotype	HUH	A00359280	Wilson EH	2302	1907	China	GBIF	
C.	Holotype	B	B_10_0294551	Wilson EH	2302	1908	China	GBIF/JSTOR	
	Isotype	HUH	GH00359280	Wilson EH	2302	1908	China	CVH/JSTOR	
	Isotype?	K	K000653462	Wilson EH	2302	1908	China	JSTOR	
C. bucharica	Isotype	K	K000653524	Regel A		1882	Afghanistan	JSTOR	
C. budensis									未查询到 Not found
鳞叶紫堇	Isotype	PE	00029095	青藏科考队	12174	1976	China	CVH	
C. bulbifera	Isotype	PE	00029096	青藏科考队	12174	1976	China	CVH	
	Isolectotype	PE	00981414	青藏队植被组	8721	1976	China	CVH	
	Isolectotype	PE	00981415	青藏队植被组	8721	1976	China	CVH	
巫溪紫堇									未查询到 Not found
C. bulbilligera									
滇西紫堇	Isotype?	BM	BM000551576	Forrest G	2249		China	GBIF/JSTOR	
C. bulleyana	Holotype	E	E00062221	Forrest G	2249	1906	China	CVH/GBIF	

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	Type	G	G00383135	Bunge AA	26	1835	China	JSTOR	
	Type	K	K000653459	Hancock W	32	1885	China	JSTOR	
	Type?	K	K000653460				China	JSTOR	
	Type?	K	K000653461	Tatarinov		1859	China	JSTOR	
	Type?	K	K000653466	Bunge AA			China	JSTOR	
	Type	K	K000653467	Bullock TL	3	1887	China	JSTOR	
	Original material	KW	KW001000853				China	JSTOR	
	Original material	KW	KW001000854				China	JSTOR	
	Type?	P	P00733201			1835	China	CVH/GBIF/JSTOR	
	Type?	P	P00733202	Bunge AA		1835	China	CVH/GBIF/JSTOR	
	Type?	P	P00733203				China	GBIF/JSTOR	
	Type?	P	P00733204	Bunge AA		1835	China	CVH/GBIF/JSTOR	
	Type?	P	P00741805	Bunge AA		1835	China	CVH/GBIF/JSTOR	
	Type?	P	P00741806	Bunge AA		1835	China	CVH/GBIF/JSTOR	
地丁草	Type	G	G-G-289520/1	Bunge AA			China	GBIF	
C. bungeana	Isotype	UPS	V-089220				China	GBIF	
东紫堇	Holotype	KYO	FKP:36017	Ohwi J	46	1932	North Korea	GBIF	
C. buschii									
灰岩紫堇	Type	BM	BM000574937	Forrest G	6372	1920	China	GBIF/JSTOR	
C. calcicola	Syntype	E	E00062184	Kingdon-Ward F	63	1911	China	CVH/GBIF	
	Holotype	E	E00062185	Forrest G	6372	1910	China	CVH/GBIF/JSTOR	
	Isotype	K	K000653455	Forrest G	6372	1910	China	JSTOR	
	Syntype	LD	LD1694362	Smith H	3661	1922	China	GBIF/JSTOR	
	Isotype	P	P00741807	Forrest G	6372	1910	China	CVH/GBIF/JSTOR	
	Type?	S	S-G-10157	Smith H	3113	1922	China	JSTOR	
	Type	B	B_10_0294547-A	Smith H	3113	1922	China	JSTOR	
	Type?	B	B_10_0294547-B	Weigold		1894	China	JSTOR	
	Type	B	B_10_0294548	Forrest G		1910	China	GBIF	
	Type	B	B_10_0294549	Kingdon-Ward F		1911	China	GBIF	
C. calliantha	Holotype	BM	BM000551664	Ludlow F; Sherriff	3425	1937	Bhutan	GBIF/JSTOR	
	Isotype	E	E00062273	Ludlow F; Sherriff	3425	1937	Bhutan	JSTOR	
	Isotype	E	E00062274	Ludlow F; Sherriff	3425	1937	Bhutan	GBIF/JSTOR	
C. calycina	Holotype	BM	BM000521711	Polunin O et al.	158	1952	Nepal	GBIF/JSTOR	
显萼紫堇	Holotype	PE	00934541	宋滋圃	39027	1954	China	CVH	
C. calycosa	Isotype	PE	00934559	宋滋圃	38268	1954	China	CVH	
	Paratype	PE	01008479	俞德浚	2240	1933	China	CVH	
	Paratype	PE	01008480	俞德浚	2240	1933	China	CVH	
	Paratype	PE	01008483	张秀实,任有铣	5473	1958	China	CVH	
弯果黄堇	Type	TAIF	10779	Kawakami T	2183	1906	China	GBIF	
C. campulicarpa	Type	B	B_10_0294546	Kawakami T; Mori U		1906	China	GBIF/JSTOR	
方茎黄堇	Isotype	K	K000653453	Przewalski NM		1884	China	GBIF/JSTOR	
C. capnoides	Type	K	K000653499	Ledebour			Russia	JSTOR	
	Type	K	K000653500	Steven			Russia	JSTOR	
	Type	K	K000653501	Ledebour			Russia	JSTOR	
	Type	S	S09-24359	Nietzel D				JSTOR	
	Type	S	S09-24360					JSTOR	
头花紫堇									未查询到 Not found
C. capitata									
泸定紫堇	Holotype	P	P00741815	Maire EE		1921	China	CVH/GBIF/JSTOR	
C. caput-medusae									
龙骨籽紫堇	Isotype	UPS	V-237932	Li Heng et al.		2005	China	GBIF	
C. carinata									
C. caseana	Syntype	MICH	1478023	Lemmon JG		1872	USA	GBIF	
	Type	MO	1811347	Brandegee TS	4263	1875	USA	GBIF	ssp.*brandegeei*
	Type?	MO	3397354	Lemmon JG		1872	USA	GBIF	
	Holotype	HUH	A00006859	Case EL; Lemmon JG			USA	GBIF	
	Type?	F	F0066737F	Lemmon JG		1872	USA	JSTOR	
	Type	K	K000653665	Bidwell AE			USA	JSTOR	
	Type	K	K000653666	Lemmon JG		1874	USA	JSTOR	
	Type	K	K000653667	Lemmon JG		1872	USA	JSTOR	
	Type	MO	MO-247690	Brandegee TS	4263	1875	USA	JSTOR	ssp. *brandegei*
	Type?	NYBG	NY00214534	Lemmon JG			USA	GBIF/JSTOR	

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Species	Resource type	Herbarium	Catalog No.	Collector	Col. No.	Col. date	Type locality	Database	Remark
	Type	PH	PH00006764	Lemmon JG; Sierra	9	1874	USA	JSTOR	
	Type	PH	PH00006765	Lemmon JG; Sierra C		1874	USA	JSTOR	
	Type	RSA	RSA0068650	Jones ME		1880	USA	JSTOR	ssp. *brachycarpa*
	Type	RSA	RSA0068651	Jones ME		1895	USA	JSTOR	ssp. *brachycarpa*
	Type?	SBBG	SBBG000020	Lemmon JG	63		USA	JSTOR	ssp. *caseana*
	Type	S	S-G-1596	Lemmon JG			USA	JSTOR	
	Type?	VT	UVMVT024475	Lemmon JG			USA	JSTOR	
	Type?	YU	YU001041	Lemmon JG			USA	GBIF/JSTOR	
克什米尔紫堇	Isotype	HUH	A00007039	Ludlow F et al.	16350	1949	Bhutan	GBIF	
C. cashmeriana	Isosyntype	BM	BM000551599	Dr King's Collector		1882		GBIF/JSTOR	
	Type	E	E00062251	Royle JF			Inida	JSTOR	
	Type	E	E00062252	Dr King's Collector		1882	China	CVH/JSTOR	
	Type	E	E00062253	Dungboo		1878	China	CVH/JSTOR	
	Type	E	E00062254	Dr King's Collector		1887	Inida	JSTOR	
	Holotype	E	E00062255	Ludlow F et al.	16350	1949	Bhutan	GBIF	
	Isosyntype	K	K000653576			1887	Inida	JSTOR	
	Isosyntype	K	K000653578	Dungboo		1878	Inida	GBIF/JSTOR	
铺散黄堇	Type	KUN	0137016	张永田，郎楷永	1164	1965	China	CVH	
C. casimiriana	Type	KUN	0137017		6304	1921	China	CVH	
	Holotype	B	B_10_0294544	Meebold A	3000	1905	Inida	GBIF/JSTOR	
	Type?	BM	BM000521712	Duthie JF	5312	1886	Nepal	GBIF/JSTOR	
	Isosyntype	E	E00438830	Hooker JD			Inida	GBIF/JSTOR	
飞流紫堇	Holotype	HUH	A00872464	胡秀英	1252	1939	China	GBIF/JSTOR	
C. cataractarum	Isotype	HUH	A00872465	胡秀英	1252	1939	China	GBIF/JSTOR	
小药八旦子									未查询到 Not found
C. caudata									
C. caucasica	Isotype?	B	B_10_0294543	Sintenis P	234	1883	Turkey	GBIF/JSTOR	var. *sintenisii*
	Type	K	K000653477	Ledebour		1838		GBIF/JSTOR	
	Isotype	K	K000653491	Sintenis P	234	1883	Turkey	JSTOR	var. *sintenisii*
	Holotype	NYBG	NY00248511	Kuntze CEO	161	1886		GBIF/JSTOR	var. *flavida*
C. cava	Type	BM	BM001134230					JSTOR	
	Type	BM	BM001134231					GBIF	
	Type	E	E00410775	Wendelbo P;	19151	1976	Iran	JSTOR	ssp. *marschalliana*
	Type	E	E00410777	Wendelbo P et al.	11172	1974	Iran	JSTOR	ssp. *marschalliana*
	Type	E	E00410780	Archibald JC	1130	1966	Iran	JSTOR	ssp. *marschalliana*
聂拉木黄堇	Holotype	PE	00934584	西藏中草药普查队	1788	1972	China	CVH	
C. cavei	Isotype	PE	00934585	西藏中草药普查队	1788	1972	China	CVH	
	Paratype	PE	00934586	西藏中草药普查队	1962	1972	China	CVH	
	Paratype	PE	00934587	西藏中草药普查队	1962	1972	China	CVH	
	Isotype	KUN	0136988	西藏中草药普查队	1788	1972	China	CVH	
	Paratype	HUH	A00359283	Cave GH		1919	Inida	GBIF/JSTOR	
	Paratype?	E	E00062303	Cave GH		1919	India	GBIF	
C. chaerophylla	Isotype	BM	BM000521713	Wallich N		1819	Nepal	GBIF/JSTOR	
	Type	K	K001113085	Wallich N	1428	1821	Nepal	JSTOR	
	Type	K	K001113086	Wallich N	1428	1821	Nepal	JSTOR	
	Type?	PH	PH00006766	Wallich N			India	JSTOR	
昌都紫堇	Type	HNWP	66128	郭本兆，王为义	21501	1977	China	CVH	
C. chamdoensis	Type	KUN	0136994	郭本兆等	21501	1977	China	CVH	
长白山黄堇	Holotype	PE	00934542	王英伟，宗占江	02076	2002	China	CVH	
C.	Isotype	PE	00934543	王英伟，宗占江	02076	2002	China	CVH	
	Isotype	PE	00934544	王英伟，宗占江	02076	2002	China	CVH	
显囊黄堇	Isotype	BM	BM000551671	Cooper RE	845	1913	India	GBIF/JSTOR	
C. chanquensis	Holotype	E	E00062307	Cooper RE	845	1913	India	GBIF/JSTOR	
地柏枝	Syntype	US	801088	Henry A	5399	1885	China	GBIF	
C. cheilanthifolia	Type?	KUN	0137047	Henry A	5399		China	CVH	
	Type?	KUN	0137049		2247		China	CVH	
	Isosyntype	B	B_10_0294540	Henry A	5399		China	GBIF/JSTOR	
	Type?	BM	BM000574944	Henry A	5399	1885	China	GBIF/JSTOR	
	Holotype	E	E00062237	Bodinier EM	2247	1898	China	CVH	
	Syntype	E	E00062238	Henry A	3723	1885	China	GBIF/JSTOR	
	Type?	K	K000653458	Henry A	5399		China	JSTOR	
	Type?	NYBG	NY00248514	Henry A	5399	1885	China	CVH/GBIF/JSTOR	

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	Isotype	P	P00741818	Bodinier EM	2247	1898	China	CVH	
斑花紫堇	Holotype	E	E00385445	Friis-Johansen B	2700	1931	China	CVH/GBIF/JSTOR	ssp. *borealis*
C. cheilosticta	Holotype	E	E00385546	中英青海考察队	459	1997	China	CVH/GBIF/JSTOR	
	Isotype	E	E00385547	中英青海考察队	459	1997	China	CVH/GBIF/JSTOR	
	Paratype	E	E00385548	中英青海考察队	488	1997	China	CVH/GBIF/JSTOR	
	Paratype	E	E00385549	中英青海考察队	741	1997	China	CVH/GBIF/JSTOR	
	Paratype	E	E00385550	中英青海考察队	504	1997	China	CVH/GBIF/JSTOR	
掌叶紫堇	Type	B	B_10_0294539	Delavay JM	4384		China	GBIF/JSTOR	
C. cheirifolia	Isotype	HUH	GH00007285	Delavay JM	4384		China	CVH/GBIF	
	Isotype	NYBG	NY00248515	Delavay JM	4384		China	CVH/GBIF/JSTOR	
	Type	P	P00741819	Delavay JM	4384	1889	China	CVH/GBIF/JSTOR	
C. chihuahuana	Isotype	US	126742	Pringle CG	198	1885	Mexico	GBIF	
	Isotype	HUH	A00006919	Pringle CG	198	1885	Mexico	GBIF	
	Type	B	B_10_0249174	Palmer E	4	1908	Mexico	JSTOR	
	Isotype	F	F0066738F	Pringle CG	198	1885	Mexico	GBIF/JSTOR	
	Isotype	NYBG	NY00248508	Pringle CG	198	1885	Mexico	GBIF	
	Isotype	NYBG	NY00248509	Pringle CG	198	1885	Mexico	GBIF	
	Isotype	US	US00099739	Pringle CG	198	1885	Mexico	JSTOR	
甘肃紫堇	Isotype	US	1245494	Ching RC	461	1923	China	GBIF	
C. chingii	Type?	PE	00934663	黄河调查队	1811	1955	China	CVH	var. *shansiensis*
	Isotype	KUN	0137050	Ching RC	461	1923	China	CVH	
	Type?	PE	02021692	黄河调查队	1811	1955	China	CVH	var. *shansiensis*
	Paratype	KUN	0673970	Ching RC	1025	1923	China	CVH	
	Isotype?	B	B_10_0294536	Ching RC		1923	China	GBIF	
	Isotype?	B	B_10_0294537	Ching RC		1923	China	GBIF	
	Paratype	E	E00062232	Ching RC	1025	1923	China	CVH/GBIF	
	Isotype	E	E00062233	Ching RC	461	1923	China	CVH/GBIF/JSTOR	
	Isotype	HUH	GH00006933	Ching RC	461	1923	China	CVH/GBIF	
	Isotype	NYBG	NY00248516	Ching RC	461	1923	China	CVH/GBIF/JSTOR	
	Isotype	P	P00747316	Ching RC	461	1923	China	CVH/GBIF/JSTOR	
	Isotype	S	S-G-10151	Ching RC	461	1923	China	JSTOR	
	Isotype	US	US00099741	Ching RC	461	1923	China	JSTOR	
C. chionophila	Isotype	E	E00062146	Wendelbo P et al.	11162	1974	Afghanistan	GBIF	ssp. *firouzii*
	Isotype	E	E00062147	Wendelbo P et al.	W7548	1969	Afghanistan	GBIF	ssp. *parviflora*
	Holotype	GB	GB-0048300	Wendelbo P; Hedge	W7548	1969	Afghanistan	GBIF/JSTOR	ssp. *parviflora*
	Isotype	GB	GB-0048301	Wendelbo P; Hedge	W7548	1969	Afghanistan	GBIF/JSTOR	ssp. *parviflora*
	Isotype	GB	GB-0048307	Wendelbo P et al.	11162	1974	Iran	GBIF	
	Isotype	K	K000653489	Wendelbo P; Hedge	7548	1969	Afghanistan	GBIF	ssp. *parviflora*
	Type	MSU	MW0592510	Wendelbo		1974	Iran	GBIF	ssp. *firouzii*
金球黄堇	Type	K	K000653646	Kingdon-Ward F	6152	1924	China	JSTOR	
C. chrysosphaera	Type	K	K000653719		20258			GBIF	
C. clarkei	Type?	B	B_10_0294534-A				China	JSTOR	
	Type?	B	B_10_0294534-B	Duthie JF	13922		India	JSTOR	
	Type?	B	B_10_0294534-C	Duthie JF	21116		Pakistan	JSTOR	
	Isosyntype	E	E00062282	Duthie JF	13922	1893	India	GBIF/JSTOR	
	Isosyntype	E	E00438832	Duthie JF	13922	1893	India	GBIF/JSTOR	
	Type	K	K000653613		3606	1878		JSTOR	
C. clavibracteata	Isotype	HUH	A00006973	Polunin O et al.	3540	1952	Nepal	GBIF	
	Holotype	BM	BM000521715	Polunin O et al.	3540	1952	Nepal	GBIF/JSTOR	
	Isotype	E	E00062291	Polunin O et al.	3530	1952	Nepal	GBIF/JSTOR	
C. conorrhiza									未查询到 Not found
斑花黄堇	Isotype	PE	00029097	Przewalski NM		1884	China	CVH	
C. conspersa	Type?	K	K000653456	Potanin GN		1884	China	JSTOR	
角状黄堇	Holotype	KUN	0139068		3001	1905		CVH	
C. cornuta	Isotype?	B	B_10_0294531	Meebold AK	3001	1905	Inida	GBIF/JSTOR	
	Type	E	E00062295	Royle JF			Inida	JSTOR	
	Original material	LE	LE00012802	Royle JF		1880	Inida	JSTOR	
	Type	UBT	UBT0003761	Hemp A	1284	1997	Tanzania	JSTOR	
	Type	UBT	UBT0003762	Hemp A	2356	1999	Tanzania	JSTOR	
伞花黄堇	Holotype	PE	02021693	应俊生，洪德元	651189	1965	China	CVH	
C. corymbosa	Isotype	PE	02021694	应俊生，洪德元	651189	1965	China	CVH	
C. crassifolia	Type	KUN	0139077			1936		CVH	

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	Type	B	B_10_0294529-A				Inida	JSTOR	
	Type	B	B_10_0294529-B				Inida	JSTOR	
	Type	B	B_10_0294529-C				Inida	JSTOR	
	Type	B	B_10_0294530	Thomson T	25		Inida	GBIF/JSTOR	
	Type	K	K000653637		120			JSTOR	
	Type	K	K000653638				Inida	JSTOR	
C.	Isotype	HUH	A00006921	Townsend CH et al.	163	1899	Mexico	GBIF	
	Isotype?	B	B_10_0294528	Townsend CH et al.	163	1899	Mexico	GBIF/JSTOR	
	Isotype	BRIT	BRIT4337	Townsend CH et al.	163	1899	Mexico	JSTOR	
	Isotype	F	F0066739F	Townsend CH et al.	163	1899	Mexico	GBIF/JSTOR	
	Isotype	MEXU	MEXU01283237	Townsend CH et al.	163	1899	Mexico	JSTOR	
	Isotype	NDG	NDG20381	Townsend CH et al.	163	1899	Mexico	JSTOR	
	Isotype	NYBG	NY00248510	Townsend CH et al.	163	1899	Mexico	GBIF/JSTOR	
	Isotype	RM	RM0002742	Townsend CH et al.	163	1899	Mexico	JSTOR	
皱波黄堇	Holotype	PE	00981678	张永田，郎楷永	1175	1965	China	CVH	var. *setulosa*
C. crispa	Isotype	PE	00981708	张永田，郎楷永	1175	1965	China	CVH	var. *setulosa*
	Type	B	B_10_0279534	Walton HJ		1904	China	GBIF/JSTOR	var. *waltoni*
	Type	B	B_10_0279535	Lepcha R		1912	India	GBIF	
	Type	BM	BM000551637	Dr King's Collector		1882	China	CVH/GBIF	
	Isotype	BM	BM000574960	Walton HJ	112	1904	China	GBIF/JSTOR	
	Type	E	E00062214	Rock JF	9871	1923	China	CVH/JSTOR	ssp. *altissima*
	Type	E	E00062297	Dr King's Collector		1882	China	CVH/JSTOR	
	Type	E	E00062298	Dungboo		1879	China	CVH/JSTOR	
	Type?	E	E00062299	Lepcha R	279	1912	China	GBIF	
	Holotype	E	E00062300	Lepcha R	279	1912		CVH	
	Isotype	G	G00383126	Walton HJ		1904	China	JSTOR	
	Isotype	G	G-G-289401/1	Walton HJ			China	GBIF	var. *waltoni*
	Isosyntype	K	K000653598			1882	India	GBIF/JSTOR	
	Isosyntype	K	K000653599	Dungboo		1879	China	GBIF/JSTOR	
	Type?	K	K000653600		325	1884		JSTOR	
	Isotype	P	P02338695	Walton HJ		1904	China	CVH	
鸡冠黄堇	Isotype	PE	00029099	Przewalski NM		1884	China	CVH	
C. crista-galli	Isotype	P	P00747322	Przewalski NM		1884	China	GBIF/JSTOR	
具冠黄堇	Isotype	PE	00029098	Potanin GN		1885	China	CVH	
C. cristata	Isotype?	B	B_10_0279533	Potanin GN		1885	China	GBIF	
	Isotype	P	P02338692	Potanin GN		1885	China	CVH/GBIF	
C. crithmifolia	Type?	B	B_10_0279531-A				India	JSTOR	
	Type?	B	B_10_0279531-B	Munroe			India	JSTOR	var. *munroei*
	Type	B	B_10_0279531-C					JSTOR	
	Type	E	E00062281				India	JSTOR	
	Type	K	K000653587	Lance			India	JSTOR	
	Type	K	K000653588	Jacquemont V	724		India	JSTOR	
	Type	K	K000653589	Munroe			India	JSTOR	var. *munroei*
	Type	K	K000653590				India	JSTOR	
	Type	K	K000653591		642	1847	India	JSTOR	
	Type	K	K000653592		952	1883	India	JSTOR	
无距黄堇 *C. cryptogama*									未查询到 Not found
C. crystallina	Isotype	US	3471	Harvey FL	125 a	1881	USA	GBIF	var. *strictissima*
	Type	MO	1819070	Engelmann G	132	1835	USA	GBIF	
	Isotype	HUH	A00006876	Harvey FL			USA	GBIF	var. *strictissima*
	Isotype	HUH	A00006878	Harvey FL			USA	GBIF	var. *strictissima*
	Type	B	B_10_0279530	Harvey FL			USA	GBIF/JSTOR	
	Isotype	YU	YU.244795	Harvey FL	125		USA	GBIF	
曲花紫堇	Isosyntype	PE	00029100	Przewalski NM		1880	China	CVH	
C. curviflora	Isosyntype	PE	00029101	Potanin GN		1885	China	CVH	
	Paratype	PE	00981712	王作宾	7299	1937	China	CVH	var. *trifida*
	Isotype	PE	00981741	俞德浚	2333	1933	China	CVH	ssp. *altecristata*
	Paratype	PE	00981742	杜大华	4471	1933	China	CVH	ssp. *altecristata*
	Holotype	PE	00981743	俞德浚	2333	1933	China	CVH	ssp. *altecristata*
	Holotype	PE	00981744	傅坤俊	1316	1937	China	CVH	var. *trifida*
	Isosyntype	HUH	A00006946	Delavay JM	2786	1887	China	CVH/GBIF	var. *rosthornii*

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	Type	B	B_10_0279524	von Rosthorn A et	2588	1891	China	GBIF/JSTOR	ssp. *rosthornii*
	Type	B	B_10_0279525-A	Smith H	4165	1922	China	JSTOR	
	Type	B	B_10_0279525-B	Smith H	3963	1922	China	JSTOR	
	Type	B	B_10_0279526-A	Smith H	2469	1922	China	JSTOR	
	Type	B	B_10_0279526-B	Smith H	2877	1922	China	JSTOR	
	Syntype	B	B_10_0279526-C	Smith H	3683			JSTOR	
	Syntype	B	B_10_0279526-D	Smith H	3194			JSTOR	
	Syntype	B	B_10_0279526-E	Smith H	2574			JSTOR	
	Syntype	B	B_10_0279526-F	Smith H	2467			JSTOR	
	Syntype	B	B_10_0279526-G	Smith H	2605			JSTOR	
	Type	B	B_10_0279528-B	Smith H	3317	1922	China	JSTOR	
	Type	B	B_10_0279528-C	Smith H	3946		China	JSTOR	
	Type	K	K000653452	Przewalski NM		1880	China	JSTOR	
	Syntype	LD	LD1406431	Smith H	2469	1922	China	GBIF/JSTOR	
	Syntype	LD	LD1414530	Smith H	4165	1922	China	GBIF/JSTOR	
	Syntype	LD	LD1416630	Smith H	3514	1922	China	GBIF/JSTOR	
	Isotype	NYBG	NY00248518	Smith H	3936	1922	China	CVH/GBIF/JSTOR	var. *pseudosmithii*
	Isotype	NYBG	NY00248519	Smith H	3683	1922	China	CVH/GBIF/JSTOR	var. *minuticristata*
	Type	S	S-G-10154	Smith H	4165	1922	China	JSTOR	
	Type?	S	S-G-1600	Smith H	2569	1922	China	JSTOR	
	Syntype	UPS	V-180971	Smith H		1922	China	GBIF	
C. curvisiliqua	Holotype	US	313663	Blankinship LA		1896	USA	GBIF	var. *grandibracteata*
	Isotype	MO	1811485	Blankinship LA		1896	USA	GBIF	var. *grandibracteata*
	Type	HUH	A00006879	Lindheimer FJ	433	1850	USA	GBIF	
	Isotype	HUH	A00006881	Bush BF	1014	1895	USA	GBIF	var. *tenerior*
	Isotype	ARIZ	ARIZ-BOT-0005435	Lindheimer FJ	663	1851	USA	JSTOR	
	Isotype	B	B_10_0279521	Bush BF		1895	USA	GBIF/JSTOR	var. *tenerior*
	Isotype	B	B_10_0279522	Blankinship LA		1896	USA	GBIF/JSTOR	var. *grandibracteata*
	Isotype	B	B_10_0279523	Lindheimer FJ	663	1851	USA	GBIF/JSTOR	
	Isotype?	CAN	CAN172656	Lindheimer FJ		1851	USA	GBIF/JSTOR	
	Isotype?	MO	MO-247706	Blankinship LA		1896	USA	JSTOR	var. *grandibracteata*
	Isotype?	NDG	NDG20404	Bush BF	1014	1895	USA	JSTOR	var. *tenerior*
	Isotype?	NYBG	NY00218047	Bush BF	1014	1895	USA	GBIF/JSTOR	var. *tenerior*
	Type?	PH	PH00006767	Lindheimer FJ	433	1849		JSTOR	
	Type	RM	RM0004815	Blankinship LA		1896	USA	JSTOR	var. *grandibracteata*
	Type	RSA	RSA0068655	Jones ME		1900	USA	JSTOR	
	Type	TEX	TEX00208265	Lindheimer FJ	663		USA	JSTOR	
	Type	TEX	TEX00282962	Lindheimer FJ	663		USA	JSTOR	
C.	Holotype	US	285182	Nelson A	369	1894	USA	GBIF	
	Isotype	HUH	A00006883	Nelson A	369	1894	USA	GBIF	
	Original material	B	B_10_0279520	Nelson A		1894	USA	GBIF	
	Isotype	NYBG	NY00218048	Nelson A	369	1894	USA	GBIF	
C. cyrtocentra	Type	BM	BM000551598	Younghusband FE		1894	Pakistan	GBIF/JSTOR	
	Type	E	E00062249	Toppin SM	16		Pakistan	JSTOR	
	Isotype	K	K000653573	Kingdon-Ward F		1894	India	GBIF/JSTOR	
金雀花黄堇	Isotype	MO	100427174	Smith H	3936	1922	China	GBIF	
C. cytisiflora	Type	KUN	0139233	Smith H	3475	1922	China	CVH	
	Type	KUN	0139236	Smith H	3514	1922	China	CVH	
	Type	KUN	0139242	Smith H	2469	1922	China	CVH	
	Type	E	E00062163	Smith H	3514	1922	China	CVH	
	Type	E	E00062164	Smith H	4165	1922	China	CVH/JSTOR	
	Type?	P	P00747321	Potanin GN		1885	China	CVH/GBIF/JSTOR	
	Type?	P	P00747324	Potanin GN		1885	China	CVH/GBIF/JSTOR	
大金紫堇	Isotype?	IBSC	0000696	李馨	77858	1958	China	CVH	
C. dajingensis	Type?	KUN	0139257	Smith H	4352	1922	China	CVH	
	Isotype?	PE	02021695	李馨	77858	1958	China	CVH	
	Type	E	E00015452	Smith H	4352	1922	China	CVH	
C. darwasica	Isotype	HUH	A00006995	Regel A		1883	Tajikstan	GBIF	
	Type	B	B_10_0279519	Regel A		1885	Turkmenistan	GBIF/JSTOR	
	Isotype	E	E00062157	Regel A		1883	Turkmenistan	GBIF/JSTOR	
	Type	E	E00410851	Lamond JM	2216	1965	Afghanistan	JSTOR	
	Isotype	GZU	GZU000273237	Regel A		1883	Tajikistan	JSTOR	

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	Isotype	K	K000653471	Regel A			Turkey	GBIF/JSTOR	
	Type	K	K000653510	Regel A		1883	Turkmenistan	JSTOR	
	Isotype	NYBG	NY00743717	Regel A		1883	Turkmenistan	GBIF/JSTOR	
	Isotype	S	S-G-1601	Regel A		1883	Turkmenistan	JSTOR	
迭裂黄堇	Isotype	PE	00029102	Przewalski NM		1872	China	CVH	
C. dasyptera									
南黄堇	Type	KUN	0674882			1869	China	CVH	
C. davidii	Type	B	B_10_0279518	David A			China	GBIF/JSTOR	
	Syntype	E	E00015473	Smith H	2045	1922	China	CVH	
	Type	P	P00747323	David A		1869	China	CVH/GBIF/JSTOR	
	Isotype	P	P00747326	David A		1869	China	CVH/GBIF/JSTOR	
	Type	P	P00747329	David A		1869	China	CVH/GBIF/JSTOR	
夏天无	Type	BM	BM000815599	Kaempfer E		1692	Japan	JSTOR	
C. decumbens	Type	BM	BM000815654	Kaempfer E		1692	Japan	JSTOR	
德格紫堇	Holotype	PE	00934547		7226	1974	China	CVH	
C. degensis	Paratype	PE	00981966	崔友文	5912	1951	China	CVH	
	Paratype	PE	00981967	崔友文	4424	1951	China	CVH	
	Paratype	PE	00981968	崔友文	4393	1951	China	CVH	
	Paratype	PE	00981969	管中天	506101	1960	China	CVH	
丽江紫堇	Type	B	B_10_0279516	Forrest G	14376	1917	China	GBIF/JSTOR	
C. delavayi	Type	B	B_10_0279517	Delavay JM	168	1884	China	GBIF/JSTOR	
	Type?	K	K000653423	Forrest G	14056	1917	China	JSTOR	
	Type?	K	K000653424	Forrest G	19986	1921	China	JSTOR	
	Type?	P	P00747331	Delavay JM	168	1884	China	JSTOR	
	Syntype	P	P00747332	Delavay JM	168	1884	China	CVH/GBIF/JSTOR	
娇嫩黄堇	Holotype	BM	BM000551668	Ludlow F et al.	20624	1949	Bhutan	GBIF/JSTOR	
C. delicatula	Isotype	E	E00062311	Ludlow F et al.	20624	1949	Bhutan	JSTOR	
	Isotype	E	E00062312	Ludlow F et al.	20624	1949	Bhutan	GBIF/JSTOR	
飞燕黄堇	Isosyntype	E	E00062203	Rock JF	9852	1923	China	CVH/GBIF/JSTOR	
C. delphinioides	Isosyntype	E	E00062204	Rock JF	4974	1922	China	CVH/GBIF/JSTOR	
	Isosyntype	E	E00062205	Rock JF	5932	1922	China	CVH/GBIF/JSTOR	
	Holotype	K	K000653449	Schneider C	3031	1914	China	JSTOR	
C. densicoma	Holotype	US	421508	Preble E; Cary E	5	1903	Canada	GBIF	
	Original material	B	B_10_0279514	Preble E; Cary E		1903	Canada	GBIF	
C. densiflora	Type	PRC	PRC454783	Presl CB		1817	Italy	JSTOR	
密穗黄堇	Syntype	E	E00062176	Kingdon-Ward F	64	1911	China	CVH/GBIF	
C. densispica									
C. devendrae									未查询到 Not found
展枝黄堇	Isotype?	B	B_10_0272495	Curtiss AH	125a		USA	GBIF/JSTOR	var. *diffusa*
C. diffusa	Type?	L	L0820084	Kamelin RV et al.	230	1977	Uzbekistan	GBIF/JSTOR	
	Type?	L	L0820085	Kamelin RV et al.	230	1977	Uzbekistan	GBIF/JSTOR	
	Type	MO	MO-247692	Curtiss AH	385		USA	JSTOR	
	Isotype	NYBG	NY00248503	Curtiss AH	125-a		USA	GBIF/JSTOR	
	Isotype	NYBG	NY00248504	Curtiss AH	125-a		USA	GBIF/JSTOR	
	Isotype	US	US00099760	Curtiss AH	125 a		USA	JSTOR	
C. diphylla	Isotype	HUH	A00007038	Wallich N	1430	1832	India	GBIF	
	Type	BM	BM000551634	Wallich N	1430		India	GBIF/JSTOR	
	Type	BM	BM000946176	Thomson T			India	GBIF/JSTOR	
	Type	E	E00062248	Wallich N	1430		India	JSTOR	
	Type	G	G00383106	Wallich N	1430		India	JSTOR	
	Type	G	G00383128	Wallich N	1430		India	JSTOR	
	Type	G	G-G-289398/2	Wallich N			India	GBIF	
	Type	G	G-G-289398/3	Wallich N			India	GBIF	
	Type	K	K000653571	Thomson T		1848	India	JSTOR	
	Syntype	K	K000653572				India	GBIF/JSTOR	
	Type	K	K001113088	Blinkworth R	1430		India	JSTOR	
	Type?	PH	PH00006768	Bornmueller J	2683	1890	Turkey	JSTOR	
	Type?	PH	PH00021821	Wallich N	1430		India	JSTOR	
雅曲距紫堇	Isotype	HUH	A00286205	Boufford DE et al.	30711	2004	China	CVH/GBIF/JSTOR	
C. dolichocentra									
东川紫堇									未查询到 Not found
C. dongchuanensis									

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不丹紫堇	Holotype	BM	BM000551667	Ludlow F et al.	20599	1949	Bhutan	GBIF/JSTOR	
C. dorjii	Isotype	E	E00062313	Ludlow F et al.	20599	1949	Bhutan	JSTOR	
短爪黄堇	Type	KUN	0139543		10839		China	CVH	
C. drakeana	Type	KUN	0139546		464		China	CVH	
	Type	B	B_10_0279505	Pratt AE	464		China	GBIF/JSTOR	
	Type	BM	BM000574954	Pratt AE	464		China	GBIF/JSTOR	
	Type	BM	BM000574955	Forrest G				GBIF	
	Isotype	E	E00062230	Forrest G	10839	1913	China	CVH/GBIF	
	Type	E	E00062231	Pratt AE	464		China	CVH	
	Type	K	K000653448	Pratt AE	464		China	JSTOR	
C. drepanantha	Holotype	BM	BM000574957	Ludlow F et al.	1272	1936	China	GBIF/JSTOR	
	Isotype?	BM	BM000574959	Ludlow F; Sherriff	1272	1936	China	GBIF/JSTOR	
稀花黄堇	Type	KUN	0139569	Kingdon-Ward F	6163	1924	China	CVH	
C. dubia	Type	BM	BM000574956	Dr King's Collector		1882	China	GBIF/JSTOR	
	Isotype?	BM	BM000574962	Ludlow F; Sherriff	2166	1936	China	GBIF	
	Type	BM	BM000946171	Rhomoo	342			JSTOR	
	Isotype	E	E00062289	Ludlow F; Sherriff	2166	1936	China	GBIF	
	Type?	E	E00062290	Kingdon-Ward F	6163	1924	China	CVH/GBIF/JSTOR	
师宗紫堇	Isotype?	B	B_10_0279506	Bodinier EM		1897	China	GBIF/JSTOR	
C. duclouxii	Holotype	E	E00062218	Bodinier EM		1897	China	CVH	
	Type?	E	E00062219	Cavalerie J	3829	1910	China	CVH/GBIF/JSTOR	
	Type?	E	E00062220	Cavalerie J	3829	1910	China	CVH/GBIF/JSTOR	
	Type?	K	K000653535	Cavalerie J	3829	1900	China	JSTOR	
	Type?	P	P00747333	Cavalerie J	3829	1910	China	CVH/JSTOR	
	Type?	P	P00747334	Cavalerie J	3829	1910	China	CVH/JSTOR	
独龙江紫堇									未查询到 Not found
C. dulongjiangensis									
C. duthiei	Type	B	B_10_0279507	Ellis R	1682	1881	India	CVH/JSTOR	
	Type	B	B_10_0279508			1886	India	GBIF/JSTOR	var. *sikkimensis*
	Type	K	K000653611	Ellis R	1682	1881	India	JSTOR	
	Type	K	K000653612			1886	India	JSTOR	var. *sikkimensis*
无冠紫堇	Isotype	BM	BM000551722	Ludlow F et al.	16350	1949	Bhutan	GBIF/JSTOR	
C. ecristata	Isotype	K	K000653648	Ludlow F et al.	16350	1949	Bhutan	GBIF/JSTOR	
紫堇	Type?	PE	00029104	Piasezky		1875	China	CVH	
C. edulis	Type	B	B_10_0279501	Limpricht	1162	1914	China	GBIF/JSTOR	
	Type?	K	K000653444	Faber E	245	1887	China	JSTOR	
	Type?	K	K000653445	David A	844	1868	China	JSTOR	
	Isotype	P	P00744977	David A	844	1868	China	CVH	
	Type	P	P00744978	David A	844	1868	China	CVH	
	Type	P	P00744979	David A		1873	China	CVH	
	Type	P	P00744980	David A	844	1868	China	CVH	
	Type	P	P00744981	David A		1873	China	CVH	
	Type	P	P00744982	David A		1873	China	CVH	
	Syntype	WU	WU0039919	Limpricht HW	1162		China	JSTOR	
高茎紫堇	Type	G	G00383130	Souli éJA	143	1893	China	JSTOR	
C. elata	Type	G	G-G-289397/1	Souli éJA			China	GBIF	
	Type	K	K000653443	Souli éJA	143	1893	China	JSTOR	
	Isotype	P	P00744983	Souli éJA	143	1893	China	CVH/GBIF/JSTOR	
	Type	P	P00744984	Souli éJA	143	1893	China	CVH/GBIF/JSTOR	
幽雅黄堇	Holotype	BM	BM000521716	Polunin O et al.	4633	1952	Nepal	GBIF/JSTOR	ssp. *robusta*
C. elegans	Type	BM	BM000551640	Wallich N	1435		Inida	GBIF/JSTOR	
	Type	BM	BM000946173	Duthie JF	954	1883	India	GBIF/JSTOR	
	Type	G	G00383131	Wallich N	1435		Inida	JSTOR	
	Type	G	G-G-289388/1	Wallich N			India	GBIF	
	Type?	K	K000653606	Duthie JF	5322	1886	Inida	JSTOR	
	Type	K	K000653607	Strachey R et al.	6		Inida	JSTOR	
	Type	K	K000653608		1435		Inida	JSTOR	
	Type?	K	K001113095	Blinkworth R	1435		Inida	JSTOR	
	Isotype	P	P00744986	Wallich N	1435	1832	Inida	GBIF/JSTOR	
椭果紫堇									未查询到 Not found
C. ellipticarpa									
C. emanuelii	Isotype	P	P00744985	Meyer CA		1830		GBIF/JSTOR	

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对叶紫堇	Holotype	E	E00062167	Kingdon-Ward F	3356	1919	Myanmar	GBIF	
C. enantiophylla									
C. erdelii	Type	E	E00410788	Parry E	196	1963	Turkey	JSTOR	
	Type	E	E00410791	Coode MJE et al.	1355	1965	Turkey	JSTOR	
	Type	E	E00410793	Davis PH; Hedge	D26677	1957	Turkey	JSTOR	
	Isotype	MPU	MPU013528	Schubert			Lebanon	GBIF/JSTOR	
籽纹紫堇	Type	B	B_10_0279498	Esquirol J		1904	China	GBIF/JSTOR	
C. esquirolii	Type	E	E00062217	Esquirol J		1904	China	CVH	
	Isotype	NYBG	NY00248520	Cavalerie J	4418		China	CVH/GBIF	
粗距紫堇	Holotype	P	P00744987	Souli éJA	2036	1927	China	CVH/GBIF/JSTOR	
C. eugeniae	Isotype	P	P00744989	Souli éJA	2036	1927	China	CVH/GBIF/JSTOR	
	Isotype	P	P00744990	Souli éJA	2036	1927	China	CVH/GBIF/JSTOR	
房山紫堇									未查询到 Not found
C. fangshanensis									
C. falconeri	Type	K	K000653593	Falconer		1838	India	JSTOR	
北岭黄堇	Isotype	B	B_10_0279495	Farges PG			China	GBIF/JSTOR	
C. fargesii	Holotype	B	B_10_0279496	Farges PG			China	GBIF/JSTOR	
	Isotype	HUH	GH00006948	Farges PG			China	CVH/GBIF	
	Isotype	HBG	HBG525202	Farges PG			China	GBIF	
	Isotype	P	P00744991	Farges PG	1409	1897	China	GBIF/JSTOR	
	Isotype	P	P00744992	Farges PG			China	GBIF/JSTOR	
	Isotype	P	P00744993	Farges PG			China	GBIF/JSTOR	
	Isotype	P	P00744994	Farges PG	1409	1897	China	GBIF/JSTOR	
	Isotype	P	P00744995	Farges PG			China	GBIF/JSTOR	
	Isotype	P	P00744996	Farges PG			China	GBIF/JSTOR	
	Isotype	S	S-G-10160	Farges PG	1409		China	JSTOR	
C. farreri	Isotype	B	B_10_0279497	Farres R	1811	1920	Myanmar	GBIF/JSTOR	
	Type	E	E00062227	Farres R	1811	1920	China	CVH/JSTOR	
大海黄堇	Type	B	B_10_0279512	Schumann W		1883	Ukraine	GBIF/JSTOR	
C. feddeana	Type	B	B_10_0279513	Maire EE		1912	China	GBIF/JSTOR	
	Isotype	BM	BM000574968	Maire EE	230	1913	China	GBIF/JSTOR	
	Type	E	E00062173	Maire EE		1912		CVH/JSTOR	
天山囊果紫堇	Isotype	E	E00062150	Hedge IC et al.	W.5428	1962	Afghanistan	GBIF	ssp. *metallica*
C. fedtschenkoana	Type	E	E00410869	Hedge IC et al.	5192	1962	Afghanistan	JSTOR	
C. filicina									未查询到 Not found
C. filiformis									未查询到 Not found
丝叶紫堇	Holotype	PE	00934549	应俊生，洪德元	0988	1965	China	CVH	
C. filisecta	Isotype	PE	00934550	应俊生 洪德元	0988	1965	China	CVH	
C. filistipes	Syntype	B	B_10_0279494	Nakai T		1917	South Korea	GBIF	
	Syntype	TI	FKP:71315	Nakai T	4300	1917	South Korea	GBIF	
	Isosyntype	B	FKP:71316	Nakai T	4300	1917	South Korea	GBIF	
	Syntype	TI	FKP:71317	Nakai T	4301	1917	South Korea	GBIF	
扇叶黄堇	Holotype	KUN	0139737		6037	1920		CVH	
C. flabellata	Type?	K	K000653633	Edgeworth MP	83	1844	China	JSTOR	
裂冠紫堇	Isotype	HUH	A00006974	Hooker JD			India	GBIF	
C. flaccida	Holotype	B	B_10_0279493	Hooker JD			India	GBIF/JSTOR	
	Isotype	K	K000653582	Hooker JD			India	JSTOR	
	Isotype	K	K000653583	Hooker JD			India	JSTOR	
	Isotype	P	P00744998	Hooker JD			India	GBIF/JSTOR	
C. flavula									未查询到 Not found
穆坪紫堇	Holotype	PE	00934551	汪发缵	20984	1930	China	CVH	ssp. *kuanhsiensis*
C. flexuosa	Holotype	PE	00934552	谢朝俊	41235	1955	China	CVH	ssp. *microflora*
	Holotype	PE	00934553	曲桂龄	2806	1936	China	CVH	ssp. *mucronipetala*
	Isotype	PE	00934554	曲桂龄	2806	1936	China	CVH	ssp. *mucronipetala*
	Isotype	PE	00934555	曲桂龄	2806	1936	China	CVH	ssp. *mucronipetala*
	Isotype	PE	00934556	张秀实，任有铣	7150	1958	China	CVH	ssp. *pinnatibracteata*
	Isolectotype	PE	01008518	杜大华	4462	1933	China	CVH	ssp. *mucronipetala*
	Isolectotype	PE	01008519	杜大华	4462	1933	China	CVH	ssp. *mucronipetala*
	Holotype	PE	01008551	张秀实，任有铣	7150	1958	China	CVH	ssp. *pinnatibracteata*
	Type	B	B_10_0279492	David A		1869	China	GBIF/JSTOR	
	Isotype	BM	BM000551527	曲桂龄	2806	1936	China	GBIF/JSTOR	ssp. *mucronipetala*
	Type	P	P00744997	David A		1869	China	CVH/GBIF/JSTOR	

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	Isotype	P	P00745000	David A		1869	China	GBIF/JSTOR	
C. fimbrillifera									未查询到 Not found
臭黄堇	Isotype	PE	00934557	黑水组	1077	1959	China	CVH	
C. foetida	Isotype	PE	00934558	黑水组	1077	1959	China	CVH	
	Isolectotype	PE	01008557	李馨	77052	1958	China	CVH	
叶苞紫堇									未查询到 Not found
C. foliaceobracteata									
春丕黄堇									未查询到 Not found
C. franchetiana									
C. fukuharae	Holotype	GB	GB-0048308	Fukuhara T		1995	Japan	GBIF/JSTOR	
堇叶延胡索	Holotype	GB	GB-0048309	Rokujo A			Japan	GBIF/JSTOR	ssp. *azurea*
C. fumariifolia	Isotype	K	K000653442	Maximowicz CJ			Russia	GBIF/JSTOR	
北京延胡索									未查询到 Not found
C. gamosepala									
柄苞黄堇									未查询到 Not found
C. gaoxinfeniae									
C. geraniifolia	Isotype	HUH	A00007040	Hooker JD			India	GBIF	
	Type	K	K000653602	Hooker JD	117		India	JSTOR	
	Type	K	K000653603	Thomson T			India	JSTOR	
	Type	K	K000653604	Thomson T		1857	India	JSTOR	
	Type	K	K000653605	Hooker JD			India	JSTOR	
	Isotype	L	L0035401	Hooker JD			India	GBIF/JSTOR	
	Isosyntype	P	P00747335	Hooker JD	916		India	GBIF/JSTOR	
巨紫堇	Type	B	B_10_0279485	Radde			Russia	GBIF/JSTOR	
C. gigantea	Type	K	K000653502	Radde			Russia	JSTOR	
	Type	K	K000653503	Maximowicz CJ			Russia	JSTOR	
	Type	K	K000653504	Maximowicz CJ			Russia	JSTOR	
小花宽瓣黄堇	Type?	KUN	0139817		494	1894	China	CVH	
C. giraldii	Holotype	B	B_10_0279486	Giraldi G	494	1894	China	GBIF/JSTOR	
新疆元胡	Isotype	B	B_10_0279480	Regel A		1928	Russia	GBIF	
C. glaucescens	Type	BM	BM000551523	Regel A		1877		GBIF	
	Type	BM	BM000551524	Regel A		1879		GBIF	
	Isotype	E	E00062152	Regel A		1877	Kazakhstan	GBIF	
	Type	E	E00062153				Kazakhstan	JSTOR	
苍白紫堇	Holotype	E	E00062162	Kingdon-Ward F	800	1913	China	CVH/GBIF	
C. glaucissima									
甘草叶紫堇	Holotype	KUN	0139858	Smith H	4348	1922	China	CVH	
C. glycyphyllus	Isotype	KUN	0139859	Smith H	4348	1922	China	CVH	
	Isotype	B	B_10_0279481	Smith H	4348	1922	China	GBIF/JSTOR	
	Isotype	GB	GB-0048310	Smith H	4348	1922	China	GBIF/JSTOR	
	Type	UPS	V-091635	Smith H		1922	China	GBIF	
C. goodingii	Isotype	US	581431	Goodding LN	1501	1903	USA	GBIF	
	Isotype	HUH	A00006886	Goodding LN	1501	1903	USA	GBIF	
	Holotype	B	B_10_0279482	Goodding LN		1903	USA	GBIF	
	Isotype	NYBG	NY00218050	Goodding LN	1501	1903	USA	GBIF	
C. gorodkovii									未查询到 Not found
新疆黄堇	Syntype	US	126726	Schrenk AG		1840	Kazakhstan	GBIF	
C. gortschakovii	Isotype	HUH	A00007288	Schrenk AG			Russia	GBIF	
	Original material	B	B_10_0279483	Schrenk AG				GBIF	
	Type	B	B_10_0279484	Schrenk AG				GBIF	
	Type?	E	E00410870	Gibbons RB et al.	655	1971	Afghanistan	JSTOR	
	Type?	E	E00410871	Hewer TF	1194	1969	Inida	JSTOR	
	Type?	E	E00410872	Grey-Wilson C et	990	1971	India	JSTOR	
	Type?	E	E00410873	Breckle SW	2739	1969	Afghanistan	JSTOR	
	Type?	E	E00410874	Breckle SW	2620	1969	India	JSTOR	
	Type?	E	E00410876	Koelz WN	13013	1937	Afghanistan	JSTOR	
	Type?	E	E00410878	Hedge IC et al.	5170	1962	Afghanistan	JSTOR	
	Type?	E	E00410879	Hedge IC et al.	5437	1962	Afghanistan	JSTOR	
	Type?	E	E00410880	Podlech D	12332	1965	Afghanistan	JSTOR	
	Type?	E	E00410881	Hewer TF	1453	1969	Afghanistan	JSTOR	
	Type?	E	E00410882	Gilbert OL	85	1965	Afghanistan	JSTOR	
	Type?	E	E00410883	Koelz WN	12701	1937	Afghanistan	JSTOR	

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	Type?	E	E00410884	Podlech D	1965	2002	Afghanistan	JSTOR	
	Type?	E	E00410885	Gibbons RB et al.	610	1971	Afghanistan	JSTOR	
	Original material	H	H1258918	Schrenk AG			Kazakhstan	JSTOR	
	Type?	JE	JE00003143	Schrenk AG			Kazakhstan	JSTOR	
	Type?	K	K000653509	Schrenk AG			Kazakhstan	JSTOR	
	Paratype	STU	Main-1-12737	Schrenk AG			Russia	GBIF	
	Type?	NYBG	NY00248521	Schrenk AG			Kazakhstan	GBIF/JSTOR	
	Isotype	P	P00747337	Schrenk AG		1840	China	GBIF/JSTOR	
	Isotype	P	P00747338	Schrenk AG		1840	China	GBIF/JSTOR	
C. gotlandica	Holotype	GB	GB-0048311	Fries ET		1947	Sweden	GBIF/JSTOR	
	Isotype	S	S-G-1602	Fries ET		1947	Sweden	JSTOR	
C. gouldii	Type	K	K000653650	Gould BJ	922	1938	Bhutan	JSTOR	
库莽黄堇	Holotype	G	G00383118	Wallich N	1431B		Inida	JSTOR	
C. govaniana	Type	G	G-G-289384/1	Wallich N			India	GBIF	
	Type?	K	K001113089	Gerard P	1431		Inida	JSTOR	
纤细黄堇	Type	KUN	0137013		1862		China	CVH	
C. gracillima	Type	KUN	0137014		1862		China	CVH	
	Type	B	B_10_0279477	Delavay JM		1883	China	GBIF	
	Isotype	P	P00747339	Delavay JM	1862	1884	China	CVH/GBIF/JSTOR	
	Type	P	P00747340	Delavay JM	1862	1884	China	CVH/GBIF/JSTOR	
	Isotype	P	P00747341	Delavay JM	1862	1884	China	CVH/GBIF	
C. grandicalyx	Isotype	GB	GB-0087731	Oh BU		1985	South Korea	GBIF/JSTOR	
丹巴黄堇									未查询到 Not found
C. grandiflora									
C. griffithii	Isotype	MO	2056794	Rechinger KH	31547	1965	Afghanistan	GBIF	ssp. *salangensis*
	Isotype	HUH	A00007041	Griffith W	147		Afghanistan	GBIF	
	Type?	B	B_10_0272476		147		Afghanistan	JSTOR	
	Type	B	B_10_0272538	Rechinger KH	31547	1965	Afghanistan	GBIF/JSTOR	ssp. *salangensis*
	Type	B	B_10_0272539	Rechinger KH		1965	Afghanistan	GBIF	ssp. *salangensis*
	Type	E	E00326806	Rechinger KH	31547	1965	Afghanistan	JSTOR	ssp. *salangensis*
	Type	G	G00383121	Rechinger KH	31547	1965	Afghanistan	JSTOR	ssp. *salangensis*
	Type	G	G-G-289380/1	Rechinger KH		1965	Afghanistan	GBIF	ssp. *salangensis*
	Isotype	GZU	GZU000273238	Rechinger KH	31547	1965	Afghanistan	JSTOR	ssp. *salangensis*
	Type	K	K000653473		44		Afghanistan	JSTOR	
	Type	K	K000653474		45		Afghanistan	JSTOR	
	Type	K	K000653475	Griffith W	1419	1852	Afghanistan	JSTOR	
	Type	K	K000653476	Rechinger KH	31547	1965	Afghanistan	JSTOR	ssp. *salangensis*
	Type	MA	MA496818	Rechinger KH		1965	Afghanistan	JSTOR	ssp. *salangensis*
	Type?	MO	MO-357261	Rechinger KH	31547	1965	Afghanistan	JSTOR	
	Isotype	P	P02303069	Griffith W		1861	Afghanistan	GBIF	
	Type	S	S09-47192	Rechinger KH	31547	1965	Afghanistan	JSTOR	ssp. *salangensis*
	Type	S	S-G-1603	Rechinger KH	31547	1965	Afghanistan	JSTOR	
寡叶裸茎紫堇									未查询到 Not found
C. gymnopoda									
裸茎延胡索	Type	KUN	0139931	杨竞生		1991	China	CVH	
C. gyrophylla									
C. gypsophila									未查询到 Not found
钩距黄堇	Type?	B	B_10_0272535	Forrest G		1921	China	GBIF	
C. hamata	Type	B	B_10_0272534	SouliéJA	397	1892	China	GBIF/JSTOR	
	Type	B	B_10_0294552	Smith H	3527	1922	China	GBIF/JSTOR	
	Holotype	E	E00062190	Kingdon-Ward F	59	1911	China	CVH/GBIF	
	Type?	E	E00209300	Forrest G	13012	1914	China	JSTOR	
	Type?	E	E00209309	Forrest G	13218	1914	China	JSTOR	
	Type	P	P00747342	SouliéJA	397	1892	China	CVH/GBIF/JSTOR	
	Type	P	P00747344	SouliéJA	397	1892	China	GBIF/JSTOR	
康定紫堇	Holotype	S	S05-950	Smith H	10748	1934	China	JSTOR	
C. harrysmithii									
C. hausmannii									未查询到 Not found
C. haussknechtii	Isotype	BM	BM000551511	Haussknecht C		1867		GBIF/JSTOR	
	Isotype	K	K000653490	Haussknecht C			Iraq	GBIF/JSTOR	
毛被黄堇	Isotype	IBSC	0000699	李馨	78342	1958	China	CVH	
C. hebephylla	Type?	IBSC	0000700	张泽云, 周洪富	23836	1957	China	CVH	

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	Isotype	PE	00934560	李馨	78342	1958	China	CVH	
C. hegangensis	Holotype	PE	02050394	东林植物调查队	9531023	1995	China	CVH	
近泽黄堇	Isotype	UPS	V-236421	Lidén M et al.		2007	China	GBIF	
C. helodes									
半荷包紫堇	Type	B	B_10_0272537	Handel-Mazzetti H	749		China	GBIF/JSTOR	
C. hemidicentra	Type?	E	E00209334	Forrest G	13141	1914	China	JSTOR	
	Isotype	E	E00209337	Handel-Mazzetti H	4686	1914	China	CVH/GBIF/JSTOR	
	Type?	E	E00209338	Forrest G	12786	1914	China	JSTOR	
	Type?	US	US00099753	Schneider CK	2396	1914	China	JSTOR	
	Holotype	WU	WU0039908	Handel-Mazzetti H	4686	1914	China	JSTOR	
巴东紫堇	Type	KUN	0139995		1459		China	CVH	
C. hemsleyana	Type	BM	BM000574971	Henry A	3729	1885	China	GBIF/JSTOR	
	Type	K	K000653438	Henry A	1459		China	JSTOR	
	Type	K	K000653439	Henry A	3729	1887	China	JSTOR	
	Type	K	K000653440	Henry A	1192		China	JSTOR	
	Type	P	P00747343	Henry A	3729	1887	China	CVH/GBIF/JSTOR	
	Isotype	P	P02303056	Henry A	1459	1886	China	CVH/GBIF/JSTOR	
尼泊尔黄堇	Isotype	US	232812	Henderson LF	3265	1895	USA	GBIF	
C. hendersonii	Original material	B	B_10_0272532	Henderson LF	3265	1885	USA	GBIF/JSTOR	
	Syntype	BM	BM000551723	McCallum		1953	Nepal	GBIF	
	Type	K	K000653436	Thorold WG	24	1891	China	JSTOR	
	Type	K	K000653437			1870	China	JSTOR	
	Isotype	OSC	OSC0000660	Henderson LF		1895	USA	JSTOR	
	Isotype	US	US00099752	Henderson LF	3265	1895	USA	JSTOR	
C. henrikii	Isotype	B	B_10_0272531	Persson J et al.		1990	Turkey	GBIF/JSTOR	
	Holotype	GB	GB-0048312	Persson J et al.	90-99	1990	Turkey	GBIF/JSTOR	
假獐耳紫堇	Isotype	PE	01901372	青藏队补点组	750752	1975	China	CVH	
C. hepaticifolia									
异果黄堇	Holotype	TNS	217007			1968	Japan	GBIF	
C. heterocarpa	Type	FI	FI000602	Durieu De		1842	Algeria	JSTOR	
	Original material	M	M0153943	Siebold PF			Japan	GBIF/JSTOR	
异心紫堇	Isotype	KUN	0673797	Forrest G	4382	1906	China	CVH	
C. heterocentra	Isotype	B	B_10_0272530	Forrest G	4382	1906	China	GBIF/JSTOR	
	Isotype	BM	BM000574972	Forrest G	4382	1906	China	GBIF/JSTOR	
	Holotype	E	E00062191	Forrest G	4382	1906	China	CVH/GBIF/JSTOR	
	Isotype	K	K000653435	Forrest G	4382		China	CVH/GBIF/JSTOR	
	Isotype	P	P02303089	Forrest G	4382	1913	China	CVH/GBIF	
异齿紫堇	Type	KUN	0673786		3005	1907	China	CVH	
C. heterodonta	Type	B	B_10_0272523	Cavalerie J	3005	1907	China	GBIF/JSTOR	
	Isotype	E	E00062224	Cavalerie J	3005	1907	China	CVH/GBIF/JSTOR	
	Isotype	E	E00062225	Cavalerie J	3005	1907	China	CVH/GBIF/JSTOR	
	Type	K	K000653434	Cavalerie J	3005	1907	China	JSTOR	
	Isotype	P	P00747345	Cavalerie J	3005	1907	China	CVH/GBIF/JSTOR	
	Isotype	P	P00747346	Cavalerie J	3005	1907	China	CVH/GBIF/JSTOR	
异距紫堇	Isotype	UPS	V-236382	Lidén M		2004	China	GBIF	
C. heterothylax									
C. hindukushensis	Isotype	E	E00062151	Grey-Wilson C et	1350	1971	Afghanistan	GBIF/JSTOR	
	Type	E	E00410886	Koelz WN	12648	1937	Afghanistan	JSTOR	
	Isotype	GB	GB-0048313	Grey-Wilson C et	1350	1971	Afghanistan	GBIF/JSTOR	
	Holotype	K	K000653495	Grey-Wilson C et	1350	1971	Afghanistan	GBIF/JSTOR	
同瓣黄堇	Isotype	B	B_10_0272528	Forrest G	4379	1906	China	GBIF/JSTOR	
C. homopetala	Isotype	BM	BM000574904	Forrest G	4379		China	GBIF/JSTOR	
	Holotype	E	E00015451	Forrest G	4379	1906	China	CVH/JSTOR	
	Isotype	K	K000653433	Forrest G	4379	1906	China	JSTOR	
	Isotype	P	P02303088	Forrest G	4379	1906	China	CVH/GBIF	
洪坝山紫堇	Holotype	UPS	V-237919	Lidén M; Wang		2006	China	GBIF	
C. hongbashanensis									
拟锥花黄堇	Type	B	B_10_0272529-A	Walton HJ		1904	China	JSTOR	
C. hookeri	Type	B	B_10_0272529-B	Littledale StGR		1895	China	JSTOR	
	Type	B	B_10_0272529-D	Hooker JD		1849	Nepal	JSTOR	
	Type	B	B_10_0272529-E				China	JSTOR	
	Type	B	B_10_0272529-F				China	JSTOR	

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	Type	K	K000653614	Hooker JD		1849	Nepal	JSTOR	
五台山延胡索	Holotype	PE	00029105	孔宪武	220	1930	China	CVH	
C. hsiaowutaishanensis									
C. hualongshanensis									未查询到 Not found
C. huangshanensis									未查询到 Not found
湿生紫堇	Isosyntype	US	776159	Schneider CK	1510	1914	China	GBIF	
C. humicola	Isosyntype	HUH	GH00007289	Schneider CK	1510	1914	China	CVH/GBIF	
	Isosyntype	US	US00997663	Schneider CK	1510	1914	China	JSTOR	
	Syntype	WU	WU0039906	Handel-Mazzetti H	2967	1914	China	JSTOR	
矮生延胡索	Isotype	GB	GB-0087732	Oh BU		1986	South Korea	GBIF/JSTOR	
C. humilis	Isotype	GB	GB-0087733	Oh BU		1986	South Korea	GBIF	
土元胡	Isotype	NAS	NAS00070993	Migo H		1936	China	CVH	
C. humosa	Isotype	NAS	NAS00070994	Migo H		1936	China	CVH	
	Isotype	NAS	NAS00370781	Migo H		1936	China	CVH	
	Isotype	NAS	NAS00370782	Migo H		1936	China	CVH	
	Isotype	NAS	NAS00370783	Migo H		1936	China	CVH	
C. hybrida									未查询到 Not found
C. hyrcana	Isotype	E	E00062145	Wendelbo P	127	1959	Iran	GBIF/JSTOR	
银瑞	Type?	HUH	A00359233	Ludlow F	8630	1942	China	JSTOR	
C. imbricata	Type	BM	BM000551453	Richardson HE	83	1939	China	GBIF/JSTOR	
	Type	E	E00062161	Richardson H	83	1939	China	JSTOR	
赛北紫堇	Type	G	G-G-289796/1	Pallas PS			Russia	GBIF	
C. impatiens	Type?	PH	PH00006769				Russia	JSTOR	
刻叶紫堇	Holotype	TNS	133466			1958	Japan	GBIF	f. *candida*
C. incisa	Type	B	B_10_0272524	Okuma		1895	Japan	GBIF/JSTOR	
	Type	B	B_10_0272525	Taquet T	2603	1909	China	GBIF/JSTOR	
	Type	B	B_10_0272526	Limpricht	293	1912	China	GBIF/JSTOR	
	Isotype	BM	BM000551528	Schindler AK	446	1909	China	GBIF/JSTOR	
	Type	BM	BM000815591	Kaempfer E		1691	Japan	JSTOR	
	Type	BM	BM000815656	Kaempfer E		1691	Japan	JSTOR	
	Type	E	E00062226	Taquet T	2602	1909	China	JSTOR	
	Type	E	E00062229	Taquet T	2603	1909	China	JSTOR	
	Syntype	G	G00383115	Schindler AK	446	1909	China	JSTOR	
	Syntype	G	G-G-289367/1	Schindler AK			China	GBIF	var. *tschekiangensis*
	Type	K	K000653430	Schindler AK	446	1909	China	JSTOR	
	Isotype	K	K000653431	Taquet T	2603	1909	China	GBIF/JSTOR	var. *koreana*
	Isosyntype	MEL	MEL268223	Schindler AK	446	1909	China	JSTOR	
	Isotype	P	P00747351	Schindler AK	446	1909	China	CVH/JSTOR	
	Syntype	WU	WU0039905	Limpricht HW	293	1912	China	JSTOR	
小株紫堇	Type	HUH	A00006950	Bunge AA		1839	Russia	GBIF	
C. inconspicua	Type?	HAL	HAL0117466	Bunge AA		1839	Russia	JSTOR	
	Isotype	P	P00747347	Bunge AA			Russia	GBIF/JSTOR	
	Type?	P	P00747348	Bunge AA			Russia	GBIF/JSTOR	
卡惹拉黄堇	Type	KUN	0673914	Walton HJ		1904	China	CVH	
C. inopinata	Type	B	B_10_0272522	Walton HJ		1904	China	GBIF/JSTOR	
	Type	BM	BM000574973	Walton HJ		1904	China	GBIF/JSTOR	
	Type	BM	BM000574974	Walton HJ		1904	China	GBIF/JSTOR	
	Type	K	K000653651	Walton HJ		1904	China	JSTOR	
C. integra	Type	E	E00410720	Davis PH; Hedge	D26286	1957	Turkey	JSTOR	
	Type	FI	FI010101	Barbey W	625	1887	Turkey	JSTOR	
	Type	K	K000653492	Sintenis P	234	1883	Turkey	JSTOR	
	Type	K	K000653493	Forsyth Major	625	1887	Turkey	JSTOR	
	Type	K	K000653494	Forsyth Major	625	1887	Turkey	JSTOR	
C. intermedia									未查询到 Not found
药山紫堇	Type	B	B_10_0272520	Maire EE			China	GBIF/JSTOR	
C. iochanensis	Holotype	E	E00062222	Maire EE				CVH	
	Type	E	E00209228	Forrest G	10094	1913	China	JSTOR	
瘦距紫堇									未查询到 Not found
C. ischnosiphon									
C. isopyroides	Isotype	US	560136	Mearns EA	566	1892	USA	GBIF	
	Type?	US	738126	Wooton EO		1903	USA	GBIF	
	Type	B	B_10_0272521	Wooton EO		1903	USA	GBIF	

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藏南紫堇	Type	K	K000653577	Gould BJ	2160	1939	China	JSTOR	
C. jigmei									
泾源紫堇	Holotype	KUN	0673961	杜庆	60	1976	China	CVH	
C. jingyuanensis									
九龙黄堇	Type	CDBI	CDBI0032304	胡孝宏	20545	1979	China	CVH	
C. jiulongensis	Isotype	CDBI	CDBI0032305	胡孝宏	20545	1979	China	CVH	
C. jonesii	Holotype	US	3445	MacDougal DT	105	1891	USA	GBIF	var. *stenophylla*
	Holotype	US	303843	Jones ME	5085	1894	USA	GBIF	
	Isotype	B	B_10_0272518	Jones ME		1894	USA	GBIF	
	Isotype	RSA	RSA0006656	Jones ME	5085	1894	USA	GBIF	
裸茎黄堇	Type	B	B_10_0272519	Wallich N	1429		Nepal	GBIF/JSTOR	
C. juncea	Type	BM	BM000551635	Wallich N	1429		Nepal	GBIF/JSTOR	
	Type	E	E00062263	Wallich N	1429		Nepal	JSTOR	
	Type	E	E00062269	Hooker JD			Inida	JSTOR	
	Type	G	G00383112	Wallich N	1429		Nepal	JSTOR	
	Type	G	G00383117	Wallich N	1429		Nepal	JSTOR	
	Type	G	G-G-289358/1	Wallich N			Nepal	GBIF	
	Type	G	G-G-289358/2	Wallich N			Nepal	GBIF	
	Type	K	K000653581		1429		Inida	JSTOR	
	Type	K	K001113087	Wallich N	1429		Nepal	JSTOR	
	Type	PH	PH00006770	Wallich N			Inida	JSTOR	
凯里紫堇	Isotype	PE	02021696	黔南队	571	1959	China	CVH	
C. kailiensis	Type	HUH	A00359238	邓世纬	90177	1936	China	JSTOR	
喀什黄堇	Isotype	K	K000653505	Osten-Sacken F		1867	China	JSTOR	
C. kashgarica									
C. kedarensis									未查询到 Not found
C. khasiana	Isotype	E	E00062306	Hooker JD			India	GBIF/JSTOR	
	Isotype?	G	G00440094	Hooker JD			India	JSTOR	
	Isotype	GOET	GOET007246	Hooker JD			India	GBIF/JSTOR	
	Holotype	K	K000653652	Hooker JD			India	GBIF/JSTOR	
	Isotype	S	S09-47211	Hooker JD			India	JSTOR	
	Isotype	S	S-G-10165	Hooker JD			India	JSTOR	
	Isotype	UPS	V-089218				India	GBIF	
胶州延胡索	Isotype?	B	B_10_0272517	Zimmermann R	311		China	GBIF/JSTOR	
C. kiautschouensis	Type?	K	K000653429		311	1902	China	GBIF/JSTOR	
	Isotype	P	P00747352	Zimmermann R	311	1901	China	CVH/GBIF/JSTOR	
	Isotype	S	S-G-1604	Zimmermann R	311	1901	China	JSTOR	
多雄黄堇	Holotype	KUN	0674285	Kingdon-Ward F	5865		China	CVH	
C. kingdonis	Isotype?	BM	BM000551525	Kingdon-Ward F	5865	1924	China	GBIF/JSTOR	
	Isotype	E	E00062262	Kingdon-Ward F	5865	1924	China	CVH/GBIF/JSTOR	
帕里紫堇	Type	KUN	0673994		100		China	CVH	
C. kingii	Type	K	K000653601			1904	China	JSTOR	
俅江紫堇	Holotype	PE	00934561	俞德浚	19529	1938	China	CVH	
C. kiukiangensis	Isotype	HUH	A00098089	俞德浚	19529	1938	China	CVH/GBIF	
	Isotype	E	E00015449	俞德浚	19529	1938	China	CVH/GBIF/JSTOR	
狭距紫堇	Lectotype	PE	00133846	青藏科考队	12066	1976	China	CVH	
C. kokiana	Isolectotype	PE	00133847	青藏科考队	12066	1976	China	CVH	
	Isolectotype	PE	00133848	青藏科考队	12066	1976	China	CVH	
	Isolectotype	PE	01009020	青藏科考队	12254	1976	China	CVH	
	Type	B	B_10_0272516	Handel-Mazzetti H		1914	China	GBIF	
	Isotype	E	E00062172	Handel-Mazzetti H	4503	1914	China	CVH/GBIF	
	Type?	E	E00209406	Forrest G	12994	1914	China	JSTOR	
C. kovakensis									未查询到 Not found
南疆黄堇									未查询到 Not found
C. krasnovii									
库如措紫堇									未查询到 Not found
C. kuruchuensis									
C. kushiroensis	Isotype	GB	GB-0087735	Fukuhara T	33178	1990	Japan	GBIF/JSTOR	
C. kusnetzovii									未查询到 Not found
高冠黄堇	Type	B	B_10_0272514	Smith WW	4224	1910	India	GBIF/JSTOR	
C. laelia	Holotype	BM	BM000551636	Bowes Lyon S	6050	1971	Bhutan	GBIF/JSTOR	
	Type	K	K000653586			1882	India	JSTOR	

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	Type?	P	P00747353	Dr King's Collector	149	1884	India	GBIF/JSTOR	
兔唇紫堇									
C. lagochila									未查询到 Not found
毛果紫堇	Type?	BM	BM000551526	Ludlow F; Sherriff	8929	1942	China	GBIF/JSTOR	
C. lasiocarpa	Holotype	E	E00062288	Ludlow F; Sherriff	11033	1944	China	CVH/GBIF/JSTOR	
C. lathyroides	Holotype	BM	BM000521710	Polunin O et al.	4684	1952	Nepal	GBIF/JSTOR	
	Isotype	E	E00062305	Polunin O et al.	4684	1952	Nepal	GBIF	
	Isotype	K	K000653644	Polunin O et al.	4684	1952	Nepal	GBIF	
长冠紫堇	Isotype	PE	00934562	俞德浚	9113	1937	China	CVH	
C. lathyrophylla	Isotype	PE	00934563	俞德浚	9113	1937	China	CVH	
	Paratype	PE	01009041	四川省植被调察队	3631	1973	China	CVH	
	Paratype	KUN	0674061	四川省植被调察队	3631	1973	China	CVH	
	Paratype	CDBI	CDBI0032396	四川省植被调察队	3631	1973	China	CVH	
	Paratype	CDBI	CDBI0032397	四川省植被调察队	3631	1973	China	CVH	
	Holotype	UPS	V-236416	Lidén M, 于胜祥		2006	China	GBIF	ssp. *dawuensis*
宽花紫堇	Type	KUN	0674087	Lepcha R	525	1912	Malaysia	CVH	
C. latiflora	Type?	BM	BM000521709	Stainton JDA	5571	1966	Nepal	GBIF	
	Isotype	E	E00062268	Hooker JD			Inida	GBIF/JSTOR	
	Type?	E	E00062270	Gould BJ	1106	1938	Bhutan	GBIF	
	Type	E	E00062271	Lepcha R	525	1912		CVH	
	Type	G	G00383102	Hooker JD		1894	Inida	JSTOR	
	Type	G	G-G-289357/1	Hooker JD			India	GBIF	
	Type	K	K000653619	Hooker JD		1894	Inida	JSTOR	
C. latilepidota	Holotype	PE	02110178	北京所横断山队	3557	1981	China	CVH	
宽裂黄堇	Isotype	PE	02021701	毛品一	01814	1952	China	CVH	var. *wumungensis*
C. latiloba	Type?	KUN	0674077		1085		China	CVH	
	Type	E	E00062236	Kingdon-Ward F	5181	1922	China	JSTOR	
	Holotype	P	P00747356	Delavay JM	1085	1884	China	CVH/GBIF/JSTOR	
紫苞黄堇	Holotype	B	B_10_0272513	Smith H	3953	1922	China	GBIF/JSTOR	
C. laucheana	Isotype	GB	GB-0048315	Smith H	3953	1922	China	GBIF/JSTOR	
	Isotype?	UPS	V-031616	Smith H		1922	China	GBIF	
疏花黄堇	Type	E	E00373257	Potanin GN		1877	Mongolia	JSTOR	
C. laxiflora	Type	E	E00373258	Potanin GN		1877	Mongolia	JSTOR	
	Type	E	E00373259	Potanin GN		1877	Mongolia	JSTOR	
薯根延胡索	Type	E	E00410852	Grey-Wilson C et	779	1971	Afghanistan	JSTOR	
C. ledebouriana	Type	E	E00410853	Hedge IC;	2855	1962	Afghanistan	JSTOR	
	Type	E	E00410854	Hedge I; Ekberg, L	7362	1969	Afghanistan	JSTOR	
	Type	G	G00383104	Karelin GS; Kirilow	66	1840		JSTOR	
	Type	G	G00383111	Karelin GS; Kirilow	66	1840		JSTOR	
	Type	H	H1348032	Karelin GS; Kirilow	66	1840		JSTOR	
	Type	K	K000653511	Semenow				JSTOR	
	Type	K	K000653512			1889		JSTOR	
	Type	K	K000653513	Karelin K	1184	1841		JSTOR	
	Type	K	K000653514	Karelin K	66	1840		JSTOR	
	Type	K	K000653515	Karelin; Kiriloff	1184	1841		JSTOR	
	Type	K	K000653516	Karelin; Kiriloff	66	1840		JSTOR	
	Type	MSU	MW0592511	Karelin		1840	Kazakhstan	GBIF	
	Type?	NYBG	NY00248522	Karelin GS; Kirilov	66	1840		GBIF/JSTOR	
	Isotype	P	P00744967	Karelin GS	66	1840		GBIF/JSTOR	
	Isotype	P	P00744969	Karelin GS	66	1840		GBIF/JSTOR	
C. leptantha	Holotype	E	E00062319	Wood JRI	7176	1989	Bhutan	GBIF/JSTOR	
细果紫堇	Isosyntype	HUH	A00006975	Griffith W	150		Bhutan	GBIF	
C. leptocarpa	Type	B	B_10_0272511		150	1861-1862	Inida	GBIF/JSTOR	
	Isosyntype	E	E00062314	Griffith W	1757		Bhutan	GBIF/JSTOR	
	Type?	E	E00117476	Forrest G	7658	1912	China	JSTOR	
	Type?	E	E00117477	Forrest G	9713	1913	China	JSTOR	
	Type	K	K000653584	Hooker JD			Inida	JSTOR	
	Type?	K	K000653585	Griffith W	1757		Bhutan	JSTOR	
	Isotype	L	L0035402	Griffith W	150		Inida	GBIF/JSTOR	
C. leptophylla	Type	E	E00062320	Kingdon-Ward F		1937	Myanmar	GBIF/JSTOR	
粉叶紫堇	Paratype	SZ	00168135	陈善墉 等	3715	1957	China	CVH	
C. leucanthema	Isotype	SZ	00168138	陈善墉 等	3620	1957	China	CVH	

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	Paratype	KUN	0674151	郑万钧	10520		China	CVH	
	Isotype	NAS	NAS00070997	陈善墉 等	3620	1957	China	CVH	
	Paratype	NAS	NAS00070998	陈善墉 等	3715	1957	China	CVH	
	Paratype	NAS	NAS00322981		315	1935	China	CVH	
	Paratype	NAS	NAS00322983		315	1935	China	CVH	
	Holotype	SM	SM705600194	陈善墉等	3620	1957	China	CVH	
拉萨黄堇									未查询到 Not found
C. lhasaensis									
洛隆紫堇	Holotype	PE	00934565	青藏队植被组	9030	1976	China	CVH	
C. lhorongensis	Isotype	PE	00934566	青藏队植被组	9030	1976	China	CVH	
	Isotype	KUN	0674150	青藏队植被组	9030	1976	China	CVH	
绕曲黄堇	Holotype	E	E00062206	中英联合考察队	412	1987	China	CVH/GBIF	
C. liana	Isotype	K	K000653427	Chamberlain D et	412	1987	China	GBIF/JSTOR	
积鳞紫堇									未查询到 Not found
C. lidenii									
条裂黄堇	Type?	PE	00029106	Przewalski NM		1872	China	CVH	
C. linarioides	Type	B	B_10_0272512	Potanin GN		1885	China	GBIF/JSTOR	
	Type	BM	BM000551529	Wilson EH	3181	1904	China	GBIF/JSTOR	
	Type?	K	K000653425	Wilson EH	3181	1904	China	JSTOR	
	Type	K	K000653426	Przewalski NM		1880	China	JSTOR	
	Type?	P	P00744988	Wilson EH	3181	1904	China	CVH/JSTOR	
C. leariloba	Isotype	PE	02021697	Sato J	5185	1932	China	CVH	var. *micrantha*
线叶黄堇	Lectotype	PE	00133852	俞德浚	2316	1933	China	CVH	
C. linearis	Isolectotype	PE	00133853	俞德浚	2316	1933	China	CVH	
	Isolectotype	PE	00133854	俞德浚	2316	1933	China	CVH	
临江延胡索									未查询到 Not found
C. linjiangensis									
变根紫堇	Isotype	PE	00934567	Smith H	4879	1922	China	CVH	
C. linstowiana	Isotype	KUN	0674193	Smith H	4879	1922	China	CVH	
	Isotype	B	B_10_0272508	Smith H	4879	1922	China	GBIF/JSTOR	
	Isotype	E	E00062228	Smith H	4879	1922	China	CVH/JSTOR	
	Isotype	LD	LD1415250	Smith H	4879	1922	China	GBIF/JSTOR	
	Holotype	UPS	V-031615	Smith H		1922	China	GBIF	
红花紫堇	Isosyntype	PE	00029109	Potanin GN		1886	China	CVH	
C. livida	Holotype	B	B_10_0272509	Przewalski NM		1872	China	GBIF/JSTOR	
长苞紫堇	Isotype	HUH	A00006976	Ludlow F et al.	15199	1947	China	CVH/GBIF	
C. longibracteata	Type	BM	BM000551530	Ludlow F et al.	15199	1947	China	GBIF/JSTOR	
	Isotype	E	E00062257	Ludlow F et al.	15199	1947	China	CVH/GBIF/JSTOR	
	Isotype	E	E00062258	Ludlow F et al.	15199	1947	China	CVH/JSTOR	
长距紫堇	Isotype	PE	01901294	四川经济植物	1531	1959	China	CVH	var. *non-saccata*
C. longicalcarata	Holotype	PE	02021698	谢朝俊	41869	1955	China	CVH	var. *multipinnata*
开阳黄堇	Type	P	P00747325	Delavay JM	3	1882	China	CVH/JSTOR	
C. longicornu	Type	P	P00747327	Delavay JM	3	1882	China	CVH/JSTOR	
	Isotype	P	P00747328	Delavay JM	3	1882	China	CVH/JSTOR	
	Type	P	P00747330	Delavay JM	3	1882	China	CVH/JSTOR	
毛长梗黄堇	Type?	B	B_10_0272504	Smith WW	4303	1910	India	GBIF/JSTOR	
C. longipes	Type?	B	B_10_0272505	Ribu	355	1908	India	GBIF/JSTOR	
	Isotype	BM	BM000521717	Wallich N	1433a		Nepal	JSTOR	
	Type	BM	BM000946172	Smith WW	4303	1910	India	GBIF/JSTOR	
	Type	BM	BM000946175	Wallich N		1819	Nepal	GBIF/JSTOR	
	Isotype	C	C10012610	Wallich N			Nepal	JSTOR	
	Isosyntype	E	E00062308	Anderson T	365	1862	India	GBIF/JSTOR	
	Isosyntype	E	E00062309	Smith WW	4303	1910	India	GBIF/JSTOR	
	Type	G	G-G-291978/1	Hooker JD			India	GBIF	
	Type?	K	K000653594		1433		Nepal	JSTOR	
	Type?	K	K000653595		1433	1821	Nepal	JSTOR	
	Type?	K	K000653596	Edgeworth MP	1061		Nepal	JSTOR	
	Type?	K	K001113092	Wallich N	1433	1821	Nepal	JSTOR	
	Type?	K	K001113093	Wallich N	1433		Nepal	JSTOR	
长柱黄堇	Isotype	PE	01901208		7074	1974	China	CVH	
C. longistyla	Type	CDBI	CDBI0032393	四川植被调查队	7074	1974	China	CVH	
	Type	CDBI	CDBI0032394	四川植被调查队	7074	1974	China	CVH	

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龙溪紫堇	Type	B	B_10_0272506	Delavay JM	4966	1894	China	GBIF/JSTOR	
C. longkiensis	Type	P	P00744971	Delavay JM		1894	China	CVH/GBIF/JSTOR	
	Type	P	P00744973	Delavay JM		1894	China	CVH/GBIF/JSTOR	
	Type	P	P00744974	Delavay JM		1894	China	CVH/GBIF/JSTOR	
齿冠紫堇	Paratype	PE	02050316	Ho TN et al.	377	1993	China	CVH	
C. lophophora	Holotype	PE	02050317	Ho TN et al.	376	1993	China	CVH	
	Paratype	E	E00385551	中英青海调查队	371	1997	China	GBIF/JSTOR	
罗平山黄堇	Holotype	KUN	0674275	Delavay JM	2409	1886	China	CVH	
C. lopinensis	Isotype	B	B_10_0272507	Delavay JM	2409	1886	China	GBIF/JSTOR	
	Isotype	P	P00744975	Delavay JM	2409	1886	China	CVH/GBIF/JSTOR	
	Isotype	P	P00744976	Delavay JM	2409	1886	China	CVH/GBIF/JSTOR	
齿瓣黄堇	Holotype	BM	BM000521718	Lowndes D	L 1289	1950	Nepal	JSTOR	
C. lowndesii									
单叶紫堇	Isotype?	BM	BM000574975	Ludlow F et al.	13881	1947	China	GBIF/JSTOR	
C. ludlowii	Isotype?	BM	BM000574976	Ludlow F et al.	13881	1947	China	GBIF/JSTOR	
	Isotype	E	E00062250	Ludlow F et al.	13881	1947	China	CVH/GBIF/JSTOR	
米林紫堇	Holotype	KUN	0674265	应俊生，洪德元	352986	1965	China	CVH	
C. lupinoides	Type	KUN	0674269	Kingdon-Ward F	5900	1924	China	CVH	
	Type	K	K000653653	Kingdon-Ward F	5900	1924	China	JSTOR	
禄劝黄堇	Holotype	KUN	0674288	朱维明 等			China	CVH	
C. luquanensis									
C. lydica	Holotype	GB	GB-0048319	Persson J; Persson	91-66	1991	Turkey	GBIF/JSTOR	
C. macrocalyx									未查询到 Not found
C. macrocentra	Isotype	HUH	A00006998	Regel A		1883	Tajikstan	GBIF	
	Type	B	B_10_0272501	Regel A		1880	Uzbekistan	JSTOR	
	Type	K	K000653517	Regel A		1883	Uzbekistan	JSTOR	
	Isotype	S	S-G-1606	Regel A		1883	Uzbekistan	JSTOR	
C. macrorrhiza	Isotype	MIN	116194	Baker CF	304	1898	USA	GBIF	
	Isotype	US	337223	Baker CF et al.	304	1898	USA	GBIF	
	Isotype	HUH	A00006887	Baker CF et al.	304	1898	USA	GBIF	
	Type	B	B_10_0272502	Baker CF et al.		1898	USA	GBIF	
	Isotype	NYBG	NY00248502	Baker CF	304	1898	USA	GBIF	
喜湿紫堇	Isotype	UPS	V-237907	Lidén M; Wang		2005	China	GBIF	
C. madida									
C. magadanica	Isotype	E	E00062159	Khokhrjakov AP		1971	Russia	GBIF	
C. magni									未查询到 Not found
会泽紫堇	Isotype	PE	00934568	川经凉	0766	1959	China	CVH	var. *megalantha*
C. mairei	Isolectotype	PE	01009677	川经凉	0832	1959	China	CVH	var. *megalantha*
	Isolectotype	PE	01009682	川经凉	0832	1959	China	CVH	var. *megalantha*
	Type	E	E00373255	Maire EE			China	CVH/JSTOR	
	Type	E	E00373256	Maire EE			China	CVH/JSTOR	
C. malkensis									未查询到 Not found
C. maracandica	Isotype	K	K001235230	Kamelin RV et al.	230	1977	Uzbekistan	GBIF	var. *diffusa*
马牙黄堇	Type	KUN	0139496	Forrest G	14141	1917	China	CVH	
C. mayae	Type	KUN	0139497	Forrest G	14056	1917	China	CVH	
	Type	E	E00062174	Forrest G	14056	1917	China	CVH/JSTOR	
	Type	E	E00062175	Forrest G	19986	1921	China	CVH	
	Type?	E	E00209369	Forrest G	13131	1917	China	JSTOR	
	Type	WU	WU0039898	Handel-Mazzetti H	9632	1916	China	JSTOR	
中国紫堇									未查询到 Not found
C. mediterranea									
C. megacalyx	Isotype	HUH	A00006977	Stainton JDA et al.	3697	1954	Nepal	GBIF	
	Holotype	BM	BM000521719	Stainton JDA et al.	3697	1954	Nepal	GBIF	
	Isotype	E	E00062292	Stainton JDA et al.	3697	1954	Nepal	GBIF/JSTOR	
少子黄堇									未查询到 Not found
C. megalosperma									
细叶黄堇	Holotype	PE	02021699	张永田，郎楷永	1769	1965	China	CVH	var. *ecristata*
C. meifolia	Isotype	PE	02021700	张永田，郎楷永	1769	1965	China	CVH	var. *ecristata*
	Isotype	HUH	A00006978	Wallich N		1832	India	GBIF	
	Type	B	B_10_0272498	Wallich N	1427		Nepal	GBIF/JSTOR	
	Type	B	B_10_0272499	Wallich N	1427		Inida	GBIF/JSTOR	
	Type	BM	BM000551651	Wallich N	1427B		Inida	GBIF/JSTOR	

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	Type	BM	BM000551652	Wallich N	1427A		Nepal	GBIF/JSTOR	
	Type	BM	BM000551655	Wallich N	1427B			GBIF/JSTOR	
	Type	BM	BM000946174	Hooker JD			India	GBIF/JSTOR	
	Isosyntype	E	E00062275	Wallich N	1427A		Nepal	GBIF/JSTOR	
	Isosyntype	E	E00062276	Hooker JD			Inida	GBIF/JSTOR	var. *sikkimensis*
	Isosyntype	E	E00262220	Wallich N	1427B		India	GBIF/JSTOR	
	Isosyntype	E	E00438833	Gyatsko LO	231	1884	China	GBIF/JSTOR	var. *sikkimensis*
	Isosyntype	E	E00438834	Wallich N	1427A		Nepal	GBIF/JSTOR	
	Type	G	G00383101	Wallich N	1427	1832	Nepal	JSTOR	
	Type	G	G00383147	Wallich N	1427A		Nepal	JSTOR	
	Type	G	G00383201	Wallich N	1427A		Nepal	JSTOR	
	Type	G	G-G-289352/1	Wallich N			Nepal	GBIF	
	Type	G	G-G-289352/2	Wallich N			Nepal	GBIF	
	Type	G	G-G-361354/1	Wallich N			Nepal	GBIF	
	Type	JE	JE00003142	Wallich N	1427		Nepal	JSTOR	
	Type	K	K000653615		1427		Inida	JSTOR	
	Type	K	K000653616		1427		Inida	JSTOR	
	Type	K	K000653617		1427		Inida	JSTOR	
	Type	K	K000653618	Kingdon-Ward F	6163	1924	China	JSTOR	
	Type	K	K001113083	Wallich N	1427		Nepal	JSTOR	
	Type	K	K001113084	Blinkworth R	1427		Inida	JSTOR	
	Type	LD	LD1403445	Wallich N	1427A		Nepal	GBIF/JSTOR	
	Type	NYBG	NY00248532	Blinkworth R	1427B		Inida	GBIF/JSTOR	
	Type	P	P00744999	Wallich N	1427	1832	Inida	GBIF/JSTOR	
	Type	P	P00745001	Wallich N			Inida	GBIF/JSTOR	
	Isotype	P	P00745002	Wallich N	1427		India	GBIF/JSTOR	
	Type	PH	PH00006771	Wallich N	1427		Inida	JSTOR	
	Type?	S	S-G-10164	Wallich N			Nepal	JSTOR	
暗绿紫堇	Isotype	MO	100427172	Smith H	3527	1922	China	GBIF	
C. melanochlora	Type?	PE	00029111	Przewalski NM		1872	China	CVH	
	Type	B	B_10_0272497	Grum-Grshimailo		1890	China	GBIF/JSTOR	
	Syntype	E	E00062179	Forrest G		1906	China	CVH/GBIF	ssp. *adrienii*
	Syntype	E	E00062180	Forrest G		1910	China	CVH/GBIF	ssp. *adrienii*
	Type	K	K000653422	Przewalski NM		1880	China	JSTOR	
	Type	P	P00733182	Delavay JM		1886	China	CVH/GBIF/JSTOR	
C. meyori									未查询到 Not found
C. micrantha	Isotype	US	3501	Carleton MA	49	1891	USA	GBIF	var. *leptosiliqua*
	Isotype	US	3502	Curtiss AH	125 a		USA	GBIF	var. *diffusa*
	Type	MO	1811052	Bush BF	23	1894	USA	GBIF	ssp. *micrantha*
	Type	MO	1811353	Jones ME	29365	1932	USA	GBIF	ssp. *texensis*
	Type	MO	1811361	Curtiss AH	385		USA	GBIF	ssp. *australis*
	Type	MO	1811494	Bush BF	1014	1895	USA	GBIF	ssp. *australis*
	Type	MO	1811502	Riehl N		1845	USA	GBIF	ssp. *micrantha*
	Type	B	B_10_0272496	Bush BF		1894	USA	GBIF	var. *pachysiliquosa*
	Isotype	NYBG	NY00248505	Bush BF	23	1894	USA	GBIF	var. *pachysiliquosa*
叶状苞紫堇									未查询到 Not found
C. microflora									
C. microphylla	Isotype	GB	GB-0048321	Prjachin M		1939	Tajikstan	GBIF	
	Isotype	K	K000653518			1939		GBIF/JSTOR	
小籽紫堇	Isotype	UPS	V-237937	Li Heng et al.		2005	China	GBIF	
C. microsperma									
米拉紫堇									未查询到 Not found
C. milarepa									
小花紫堇	Isotype	PE	00934572	四川中药普查队	15231	1960	China	CVH	
C. minutiflora	Holotype	KUN	0674356	四川中药普查队	15231	1960	China	CVH	
疆堇									未查询到 Not found
C. mira									
革吉黄堇	Type?	K	K001113091	Moorcroft W	1432		Inida	JSTOR	
C. moorcroftiana									
尿罐草	Type	B	B_10_0272492	David A		1869	China	GBIF/JSTOR	
C. moupinensis	Holotype	P	P00741816	David A		1869	China	CVH/JSTOR	
	Isotype	P	P00741817	David A		1869	China	CVH/JSTOR	

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突尖紫堇	Type	B	B 10 0272493	David A			China	GBIF/JSTOR	
C. mucronata	Type	K	K000653421	David A		1870	China	JSTOR	
	Isotype	P	P00745003	David A		1869	China	CVH/GBIF/JSTOR	
	Type	P	P00745004	David A		1869	China	CVH/GBIF/JSTOR	
	Type	P	P00745006	David A		1869	China	CVH/GBIF/JSTOR	
尖突黄堇	Type	K	K000653420	Przewalski NM		1884		JSTOR	
C. mucronifera									
天全紫堇									未查询到 Not found
C. mucronipetala									
木里黄堇	Isotype	PE	00934573	俞德浚	6273	1937	China	CVH	
C. muliensis	Isotype	PE	00934574	俞德浚	6273	1937	China	CVH	
	Isotype	PE	00934575	冯国楣	4532	1940	China	CVH	
	Isolectotype	PE	01009218	Wang CW	63740	1935	China	CVH	
	Isolectotype	PE	01009219	Wang CW	63740	1935	China	CVH	
	Isotype	HUH	A00359279	俞德浚	6273	1937	China	CVH/GBIF/JSTOR	
	Type	K	K000653419	Rock JF	24115	1932	China	GBIF/JSTOR	
C. multiflora									未查询到 Not found
C. murgabica	Type	MSU	MW0592512	Lipschitz S		1931	Tajikstan	GBIF	
富叶紫堇	Isotype	UPS	V-236375	Li Heng et al.		2006	China	GBIF	
C. myriophylla									
矬紫堇	Type	E	E00062267				Inida	JSTOR	
C. nana	Type	K	K000653623	Strachey R et al.	17		Inida	JSTOR	
	Type	K	K000653624		227		Inida	JSTOR	
	Type	K	K000653625	Jacquemont V			Inida	JSTOR	
南五台山紫堇									未查询到 Not found
C. nanwutaishanensis									
C. nariniana	Lectotype	ERE	ERE0000366	Fedorov A Narinian		1940	Armenia	GBIF/JSTOR	
	Isolectotype	ERE	ERE0000367	Fedorov A Narinian		1940	Armenia	GBIF/JSTOR	
	Isolectotype	ERE	ERE0000368	Fedorov A Narinian		1940	Armenia	GBIF/JSTOR	
	Isolectotype	ERE	ERE0000369	Fedorov A Narinian		1940	Armenia	GBIF/JSTOR	
	Isolectotype	ERE	ERE0000370	Fedorov A Narinian		1940	Armenia	GBIF/JSTOR	
	Isolectotype	ERE	ERE0005791	Fedorov A Narinian		1940	Armenia	GBIF	
线基紫堇	Type	E	E00125825	中英青海考察队	782	2000	China	CVH/JSTOR	
C. nematopoda									
林生紫堇	Isotype	WUK	0036415	Wang CW	65835	1935	China	CVH	
C. nemoralis	Holotype	PE	00934578	Wang CW	65835	1935	China	CVH	
	Isotype	PE	00934579	Wang CW	65835	1935	China	CVH	
	Paratype	PE	01009222	Wang CW	65562	1935	China	CVH	
	Paratype	PE	01009223	Wang CW	65562	1935	China	CVH	
	Isotype	IBSC	0132933	Wang CW	65835	1935	China	CVH	
	Isotype	HUH	A00006962	Wang CW	65835	1935	China	CVH/GBIF	
	Paratype	NAS	NAS00370784	Wang CW	65562	1935	China	CVH	
	Isotype	NAS	NAS00370785	Wang CW	65835	1935	China	CVH	
C. neumannii									未查询到 Not found
黑顶黄堇	isotype	PE	00934581	青藏科考队	12403	1976	China	CVH	var. *erosipetala*
C. nigroapiculata	isotype	PE	02050395	青藏科考队	12691	1976	China	CVH	
	isotype	PE	02050396	青藏科考队	12691	1976	China	CVH	
阿山黄堇									未查询到 Not found
C. nobilis									
凌云紫堇	Isotype	HUH	A00286213	Boufford DE et al.	31129	2004	China	CVH/GBIF/JSTOR	
C. nubicola	Isotype	UPS	V-236360	Boufford DE et al.	2004	China	GBIF		
C. nudicaulis	Isotype	HUH	A00007001	Regel A		1883	Tajikstan	GBIF	
	Type	B	B_10_0272489	Regel A		1885	Russia	GBIF/JSTOR	
	Type	B	B_10_0272490	Regel A			Russia	GBIF/JSTOR	
	Type	E	E00062154	Regel A		1883	Turkmenistan	JSTOR	
	Type	E	E00062155	Regel A		1883	Turkmenistan	JSTOR	
	Type	K	K000653519	Regel A		1883	Afghanistan	JSTOR	
	Type	K	K000653520	Regel A		1884	Afghanistan?	JSTOR	
	Syntype	KFTA	KFTA0000303	Regel A			Tajikistan	JSTOR	
	Type	MEL	MEL2407774	Regel A		1885	Tajikistan	JSTOR	
	Type?	S	S-G-1608	Regel A		1883	Afghanistan	JSTOR	
黄紫堇	Type?	K	K000653521			1835	Russia	JSTOR	

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C. ochotensis									
C. ohii	Isotype	GB	GB-0087734	Oh BU		1986	South Korea	JSTOR	
少花紫堇	Isotype	HUH	A00006979	Ludlow F et al.	20266	1949	Bhutan	GBIF	
C. oligantha	Holotype	BM	BM000551724	Ludlow F et al.	20266	1949	Bhutan	GBIF/JSTOR	
	Isotype	E	E00062315	Ludlow F et al.	20266	1949	Bhutan	GBIF/JSTOR	
稀子黄堇	Isotype	PE	01009289	Wang CW	65974	1935	China	CVH	
C. oligosperma	Isotype	PE	01009290	Wang CW	65974	1935	China	CVH	
	Isotype	HUH	A00359281	Wang CW	65974	1935	China	GBIF	
金顶紫堇									未查询到 Not found
C. omeiana									
假驴豆	Type	B	B_10_0279478	Giles			Pakistan	GBIF/JSTOR	
C. onobrychis	Type	B	B_10_0279479	Giles			Pakistan	GBIF/JSTOR	
	Isotype	E	E00062283	Giles GMJ			Pakistan	GBIF	
蛇果黄堇	Isotype	HUH	A00006980	Hooker JD			India	GBIF	
C. ophiocarpa	Holotype	B	B_10_0272487	Hooker JD			India	GBIF/JSTOR	
	Type	BM	BM000551657	Hooker JD			Inida	GBIF/JSTOR	
	Type?	G	G00383187	Hooker JD			India	JSTOR	
	Type	G	G-G-289350/1	Hooker JD			India	GBIF	
	Type?	K	K000653629	Hooker JD		1849	India	JSTOR	
	Type	K	K000653630	Hooker JD			India	JSTOR	
	Type	K	K000653631	Hooker JD		1849	India	JSTOR	
	Type?	K	K000653632	Hooker JD		1849	India	JSTOR	
	Isotype	L	L0035404	Hooker JD			India	GBIF/JSTOR	
	Isotype	P	P00745008	Hooker JD			India	GBIF/JSTOR	
C. oppositifolia	Type	B	B_10_0272484				Iran	GBIF/JSTOR	
	Type	B	B_10_0272485	Olivier GA			Iran	JSTOR	
	Type	E	E00410803	Davis PH; Hedge	D31300	1957	Turkey	JSTOR	
	Type	E	E00410808	Tobey C	637	1964	Turkey	JSTOR	
	Type	E	E00410809	Davis PH; Polunin	14267	1978	Turkey	JSTOR	
	Type	E	E00410811	Sintenis P	5452	1894	Turkey	JSTOR	
	Type	E	E00410812	Stainton JDA	8356	1960	Turkey	JSTOR	
	Type	E	E00410813	Uotila P	15650	1972	Turkey	JSTOR	
	Type	E	E00410816	Jacobs M	6492	1963	Iran	JSTOR	
	Type	E	E00410818	Archibald JC	1603	1966	Iran	JSTOR	
	Type	E	E00410819	Sawyer HA	13184	1890	Iran	JSTOR	
	Type	E	E00410820	Davis PH; Polunin	24158	1954	Turkey	JSTOR	ssp. *kurdica*
	Type	E	E00410826	Bornmueller J	846	1893	Iran	JSTOR	
	Type	E	E00410827	Jardine N	664	1963	Iran	JSTOR	ssp. *kurdica*
	Type	E	E00410829	Archibald JC	7635	1986	Turkey	JSTOR	ssp. *kurdica*
	Type	GDC	G00148680	Olivier GA			Syria	JSTOR	
	Holotype	G	G-DC-167659/1	Olivier GA			Syria	GBIF	
	Type?	K	K000653405	Haussknecht HC		1867	Kyrgyzstan	JSTOR	
线足紫堇	Type	BM	BM000574978	Ludlow F et al.	15369	1947	China	GBIF/JSTOR	
C. oreocoma	Type	E	E00062259	Ludlow F et al.	15369	1947	China	CVH/JSTOR	
C. ornata	Isotype	E	E00148390				Russia	GBIF	
	Holotype	GB	GB-0048331	Kirsanova			Russia	GBIF/JSTOR	
C. orthoceras	Original material	M	M0153944	Siebold PF			Japan	GBIF/JSTOR	
密花黄堇									未查询到 Not found
C. orthopoda									
假酢浆草	Type	BM	BM000551725	Ludlow F et al.	20422	1949	Bhutan	GBIF/JSTOR	
C. oxalidifolia	Paratype	E	E00062256	Ludlow F; Sherriff	372	1933	Bhutan	GBIF/JSTOR	
尖瓣紫堇	Type	B	B_10_0272482	Delavay JM		1884	China	GBIF/JSTOR	
C. oxypetala	Type	K	K000653417	Delavay JM			China	JSTOR	
	Isotype	P	P00745007	Delavay JM		1884	China	CVH/GBIF/JSTOR	
	Isotype	P	P00745009	Delavay JM		1884	China	CVH/GBIF/JSTOR	
	Type	P	P00745010	Delavay JM		1884	China	CVH/GBIF/JSTOR	
	Type	P	P00745014	Delavay JM		1884	China	CVH/GBIF/JSTOR	
浪穹紫堇	Isosyntype	HBG	HBG525200	Delavay JM		1886	China	GBIF	
C. pachycentra	Isosyntype	HBG	HBG525201	Delavay JM		1887	China	GBIF	
	Type	K	K000653416	Delavay JM	2344		China	JSTOR	
	Isotype	P	P00745019	Delavay JM	1863	1884	China	CVH/GBIF/JSTOR	
	Type	P	P00745020	Delavay JM	1863	1884	China	CVH/GBIF/JSTOR	

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粗梗黄堇	Isotype	P	P00745013	Delavay JM	169	1884	China	CVH/JSTOR	
C. pachypoda	Isotype	P	P00745015	Delavay JM	169	1884	China	CVH/JSTOR	
	Isotype	P	P00745016	Delavay JM	169	1884	China	CVH/JSTOR	
C. paczoskii	Syntype	LECB	LECB0002030	Goldem K		1901	Ukraine	JSTOR	
	Syntype	LECB	LECB0002031	Paczoski JK		1888	Ukraine	JSTOR	
	Syntype	LECB	LECB0002032	Paczoski JK	1754	1902	Ukraine	JSTOR	
C. paeoniifolia	Type?	NYBG	NY00248524	Tiling HST	30		Russia	GBIF/JSTOR	
C. pakistanica									未查询到 Not found
黄堇	Type	K	K000653415	Ford		1885	China	JSTOR	
C. pallida									
熊猫之友	Isotype	UPS	V-237908	Lid én M; Wang		2005	China	GBIF	
C. panda									
帕米尔黄堇									
C. paniculigera									未查询到 Not found
贵州黄堇	Type	PH	PH00006772	Nuttall T			USA	JSTOR	
C. parviflora									
C. papilligera									未查询到 Not found
冕宁紫堇									未查询到 Not found
C. papillosa									
C. paschei	Type	B	B_10_0272479	Pasche E; Koenen	1985		Turkey	GBIF/JSTOR	
	Type	GB	GB-0048323	Pasche E; Koenen	8505	1985	Turkey	GBIF/JSTOR	
C. pauciflora	Isosyntype	PE	00029113	Ching RC	79	1923	China	CVH	var. *holanschanica*
	Type	B	B_10_0272478	von Chamisso LKA		1817	USA	JSTOR	
	Paratype	B	B_10_0294571	Ching RC	79	1923	China	GBIF/JSTOR	
	Isotype	HUH	GH00007290	Ching RC	79	1923	China	CVH	var. *holanschanica*
	Isotype	S	S-G-1609	Tiling HST	29		Russia	JSTOR	
	Type	US	US00099766	Porsild AE;	10208	1944	Canada	JSTOR	
	Type	US	US01172180	Bannister H		1865	USA	JSTOR	
	Type	US	US01172181	Coville FV;	2033	1899	USA	JSTOR	
	Type	US	US01172182	Coville FV;	2033	1899	USA	JSTOR	
	Type	US	US01172183	Coville FV;	1966	1899	USA	JSTOR	
	Type	US	US01172184	Coville FV;	1810	1899	USA	JSTOR	
盾萼紫堇									未查询到 Not found
C. peltata									
喜石黄堇	Type?	KUN	0674670	Ludlow F et al.	15538	1947	China	CVH	
C. petrodoxa	Type	BM	BM000574993	Ludlow F et al.	15538	1947	China	GBIF/JSTOR	
	Type?	E	E00062265	Ludlow F et al.	15538	1947	China	CVH/JSTOR	
	Isotype	E	E00062266	Ludlow F et al.	15538	1947	China	CVH/GBIF/JSTOR	
岩生紫堇	Type	B	B_10_0272477	Rock JF	3536	1922	China	GBIF/JSTOR	
C. petrophila	Holotype	P	P00745021	Delavay JM	2662	1887	China	CVH/GBIF/JSTOR	
	Isotype	P	P00745024	Delavay JM	2662	1887	China	CVH/GBIF/JSTOR	
C. philippi									未查询到 Not found
平武紫堇	Lectotype	PE	01008365	姜恕	7057	1961	China	CVH	
C. pingwuensis	Isolectotype	PE	01008367	姜恕	7057	1961	China	CVH	
	Paratype	PE	01009584	川经阿	1384	1959	China	CVH	
	Paratype	PE	01009585	川经阿	1384	1959	China	CVH	
	Paratype	PE	01009587	川经阿	1384	1959	China	CVH	
羽叶紫堇									未查询到 Not found
C. pinnata									
羽苞黄堇	Holotype	PE	00058114	Ho TN et al.	351	1993	China	CVH	
C. pinnatibracteata	Paratype	PE	00058115	Ho TN et al.	442	1993	China	CVH	
	Paratype	PE	00058116	Ho TN et al.		1993	China	CVH	
	Paratype	PE	00058117	Ho TN et al.	974	1993	China	CVH	
	Isotype	HUH	A00872549	Ho TN et al.	351	1993	China	GBIF	
	Paratype	BM	BM000573251	Ho TN et al.	442	1993	China	GBIF	
	Isotype	BM	BM000577509	Ho TN et al.	351	1993	China	GBIF	
	Paratype	BM	BM000578213	Ho TN et al.	973	1993	China	GBIF	
	Paratype	BM	BM013399016	Ho TN et al.	1164	1993	China	GBIF	
	Isotype	CAS	CAS0033024	Ho TN et al.	351	1993	China	GBIF/JSTOR	
	Isotype	E	E00015046	Ho TN et al.	351	1993	China	CVH/GBIF	
	Isotype	HUH	GH00872549	Ho TN et al.	351	1993	China	JSTOR	
C. podlechii	Holotype	E	E00410850	Podlech D	17630	1970	Afghanistan	GBIF/JSTOR	

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	Isotype?	MSB	MSB113314	Podlech D	17630	1970	Afghanistan	GBIF	
远志黄堇	Holotype	PE	00934647	王富葆	65	1959	China	CVH	var. *micrantha*
C. polygalina	Paratype	PE	01009588	青藏队植被组	4341	1975	China	CVH	var. *micrantha*
	Paratype	PE	01009589	张经炜，傅国勋	01150	1960	China	CVH	var. *micrantha*
	Paratype	PE	01009590	青藏队植被组	4072	1975	China	CVH	var. *micrantha*
	Paratype	PE	01009591	青藏队植被组	4072	1975	China	CVH	var. *micrantha*
	Type?	KUN	0674759	Hooker JD			Inida	CVH	
	Type	K	K000653579	Hooker JD		1849	Inida	JSTOR	
	Type	K	K000653580	Hooker JD		1849	Inida	JSTOR	
多叶紫堇	Holotype	KUN	0674780	Handel-Mazzetti H	9314	1916	China	CVH	
C. polyphylla	Type?	B	B_10_0272470	Handel-Mazzetti H	9884	1916	China	GBIF/JSTOR	
	Isotype?	B	B_10_0272473	Handel-Mazzetti H	9314	1916	China	GBIF/JSTOR	
	Isotype	E	E00062189	Handel-Mazzetti H	9314	1916	China	CVH/GBIF/JSTOR	
	Type	K	K000653414	Handel-Mazzetti H	9884	1916	China	CVH	
	Isotype?	WU	WU0039891	Handel-Mazzetti H	9314	1916	China	JSTOR	
	Type?	WU	WU0039892	Handel-Mazzetti H	9884	1916	China	JSTOR	
C. popovii	Type	B	B_10_0272474	Vvedensky AI	570	1928	Russia	GBIF/JSTOR	
	Type?	B	B_10_0272475	Regel A		1803	Russia	GBIF/JSTOR	
	Isotype	CAS	CAS0033041	Vvedensky AI	570	1928	Tajikistan	GBIF/JSTOR	
	Isotype	E	E00062156	Vvedensky AI	570	1928	Tajikistan	GBIF/JSTOR	
	Type	MA	MA42894	Vvedensky AI	570	1928		JSTOR	
	Type?	MEL	MEL2407805	Vvedensky AI		1928	Uzbekistan	JSTOR	
	Type	MSU	MW0592513	Vvedensky AI		1928	Uzbekistan	GBIF	
	Type?	NYBG	NY00248525	Vvedensky AI	570	1928		GBIF/JSTOR	
	Type	S	S-G-1610	Vvedensky AI	570	1928	Uzbekistan	JSTOR	
紫花紫堇	Isotype	PE	00934648	俞德浚	19715	1937	China	CVH	
C. porphyrantha	Isotype	PE	00934649	俞德浚	19715	1937	China	CVH	
半裸茎黄堇	Isotype	PE	00029114	Potanin GN		1885	China	CVH	
C. potaninii	type	K	K000653413	Potanin GN		1885	China	JSTOR	
	Isotype	P	P00745025	Potanin GN		1885	China	CVH/GBIF	
峭壁紫堇	Isotype	E	E00015308	Rock JF		1925	China	CVH/GBIF	
C. praecipitorum									
草甸黄堇	Type	KUN	0674798		27		China	CVH	
C. prattii	Type	KUN	0674799	Pratt AE	27		China	CVH	
	Isotype	HUH	A00006965	Pratt AE	27		China	GBIF	
	Type	B	B_10_0272469	Pratt AE	27		China	GBIF/JSTOR	
	Type	BM	BM000551567	Pratt AE	27		China	GBIF/JSTOR	
	Isotype	E	E00062177	Pratt AE	27	1890	China	CVH/GBIF	
	Isotype	HUH	GH00006965	Pratt AE	27	1890	China	CVH/JSTOR	
	Type	K	K000653412	Pratt AE	27		China	JSTOR	
	Type	P	P00745028	Pratt AE	27	1890	China	CVH/GBIF/JSTOR	
白花紫堇	Type	E	E00062193	Wilson EH	2295	1907	China	CVH/JSTOR	
C. procera	Type	K	K000653411	Wilson EH	2295	1908	China	JSTOR	
波密紫堇									未查询到 Not found
C. pseudoadoxa									
C. pseudoadunca									未查询到 Not found
假高山延胡索									未查询到 Not found
C. pseudoalpestris									
C. pseudoamplisepala									未查询到 Not found
弯梗紫堇	Holotype	E	E00062168	Kingdon-Ward F	5243	1922	China	GBIF/JSTOR	
C. pseudobalfouriana									
假髯萼紫堇	Type	B	B_10_0272449	Liljestrand S	L.153	1922	China	GBIF/JSTOR	
C. pseudobarbisepala	Type	E	E00062192	Liljestrand S	L.153	1922	China	CVH/JSTOR	
	Type	UPS	V-091740	Liljestrand S		1922	China	GBIF	
美花黄堇	Isotype	KUN	0674279	Wilson EH	3175			CVH	
C. pseudocristata	Type	B	B_10_0272451-B	Wilson EH	3175	1908	China	JSTOR	
	Type?	B	B_10_0272451-C	Liljestrand L	125		China	JSTOR	
	Type	BM	BM000574996	Wilson EH	3175	1904	China	GBIF/JSTOR	
	Isotype	HBG	HBG516932	Wilson EH	3175	1904	China	CVH/GBIF/JSTOR	
	Type	K	K000653410	Wilson EH	3175	1904	China	JSTOR	
	Isotype	P	P00745027	Wilson EH	3175	1904	China	CVH/GBIF/JSTOR	
假密穗黄堇	Holotype	HUH	A00359282	Rock JF	17469	1929	China	CVH/GBIF/JSTOR	

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C. pseudodensispica									
甲格黄堇	Holotype	KUN	0674883	青藏补点组	750811	1975	China	CVH	
C. pseudodrakeana	Type	BM	BM000551569	Ludlow F et al.	5401	1938	China	GBIF/JSTOR	
	Type?	E	E00062304	Ludlow F et al.	5402	1938		CVH	
假北岭黄堇									未查询到 Not found
C. pseudofargesii									
假丝叶紫堇	Isotype	E	E00015464	Ludlow F; Sherriff	8681	1942	China	CVH/GBIF/JSTOR	
C. pseudofilisecta									
假多叶黄堇	Holotype	KUN	0674888		1913		China	CVH	
C. pseudofluminicola	Type	B	B_10_0272468	Limpricht	1913	1914	China	GBIF/JSTOR	
C. pseudohemsleyana									未查询到 Not found
假赛北紫堇	Isotype	KUN	0674247	Smith H	3019	1922	China	CVH	
C. pseudoimpatiens	Isotype	KUN	0674249	Smith H	3019	1922	China	CVH	
	Holotype	B	B_10_0272446	Smith H	3019	1922	China	GBIF/JSTOR	
	Isotype?	UPS	V-079786	Smith H		1922	China	GBIF	
假刻叶紫堇									未查询到 Not found
C. pseudoincisa									
拟裸茎黄堇	Type?	HUH	A00006981	Stainton JDA et al.	2360	1954	Nepal	GBIF	
C. pseudojuncea	Holotype	BM	BM000521720	Polunin O et al.	2360	1952	Nepal	JSTOR	
	Type?	E	E00062264	Stainton JDA et al.	2360	1954	Nepal	GBIF/JSTOR	
短腺黄堇	Type?	KUN	0674929	Smith WW	4303	1920	Inida	CVH	
C. pseudolongipes	Type?	BM	BM000521721	Tone W	386	1972	Nepal	GBIF/JSTOR	
大花会泽紫堇	Isotype	PE	01009678	川经凉	766	1959	China	CVH	
C. pseudomairei									
C. pseudomicrantha	Isotype	US	496057	Griffiths D	3846	1903	USA	GBIF	var. *griffithsii*
	Isotype	US	841946	Purpus CA	4602	1910	Mexico	GBIF	
	Type	MO	1811046	Purpus CA	4602	1910	Mexico	GBIF	
	Isotype	HUH	A00006923	Purpus CA	4602	1910	Mexico	GBIF	
	Type	B	B_10_0249173	Purpus CA	4602	1910	Mexico	GBIF/JSTOR	
	Isotype	E	E00062324	Purpus CA	4602	1910	Mexico	GBIF/JSTOR	
	Isotype	F	F0066740F	Purpus CA	4602	1910	Mexico	GBIF/JSTOR	
	Type	MO	MO-247710	Purpus CA	4602	1910	Mexico	JSTOR	
	Isotype	UC	UC144683	Purpus CA	4602	1910	Mexico	JSTOR	
	Isotype	US	US00099767	Purpus CA	4602	1910	Mexico	JSTOR	
	Isotype	US	US00099768	Griffiths D	3846	1903	USA	JSTOR	var. *griffithsii*
假小叶黄堇									未查询到 Not found
C. pseudomicrophylla									
长突尖紫堇	Isotype	PE	00934652	汪发缵	20661	1930	China	CVH	
C. pseudomucronata	Paratype	PE	01009684	川经宜	0121	1959	China	CVH	
	Paratype	PE	01009685	川经宜	0121	1959	China	CVH	
	Isolectotype	PE	01040130	汪发缵	20522	1930	China	CVH	
短葶黄堇									未查询到 Not found
C. pseudorupestris									
假北紫堇									未查询到 Not found
C. pseudosibirica									
C. pseudostricta									未查询到 Not found
假全冠黄堇	Isotype	PE	00935561	俞德浚	9544	1937	China	CVH	
C. pseudotongolensis	Isotype	PE	01432105	俞德浚	9544	1937	China	CVH	
假川西紫堇									未查询到 Not found
C. pseudoweigoldii									
翅瓣黄堇	Type	B	B_10_0272443	Handel-Mazzetti H	9252	1916	China	GBIF/JSTOR	
C. pterygopetala	Isotype	E	E00062200	Handel-Mazzetti H	9252	1916	China	CVH/GBIF/JSTOR	
	Isotype	UPS	V-237199	Li Heng et al.		2006	China	GBIF	var. *parviflora*
	Holotype	WU	WU0039888	Handel-Mazzetti H	9252	1916	China	JSTOR	
毛茎紫堇	Holotype	PE	00934657	青藏队	76-7688	1976	China	CVH	
C. pubicaulis	Paratype	PE	01009716	西藏中草药普查队		1972	China	CVH	
	Paratype	PE	01009719	西藏中草药普查队		1972	China	CVH	
C. pulchella	Isolectotype	HUH	A00006982	Aitchison JET	201	1880	Afghanistan	GBIF	
	Type	B	B_10_0272444	Aitchison JET	201	1880	Afghanistan	GBIF/JSTOR	
	Type	BM	BM000551645	Aitchison JET	789	1879	Afghanistan	GBIF/JSTOR	
	Type	K	K000653486	Aitchison JET	789	1879	Afghanistan	JSTOR	
	Type	K	K000653487	Aitchison JET	201	1880	Afghanistan	JSTOR	

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	Type	K	K000653488	Aitchison JET	289	1880	Afghanistan	JSTOR	
	Type	K	K000653525	Aitchison JET	201	1880	Afghanistan	JSTOR	
C. pumila	Type	B	B_10_0295401	Hornung			Germany	GBIF	
	Type	LD	LD1037542	Aspegren C		1814	Sweden	GBIF	
巨萼紫堇									未查询到 Not found
C. pycnopus									
矮黄堇	Isotype	PE	02068001	吴征镒 等	75-1197	1975	China	CVH	
C. pygmaea	Isotype	PE	02068002	吴征镒 等	75-1197	1975	China	CVH	
C. qilianshanica									未查询到 Not found
青海黄堇									未查询到 Not found
C. qinghaiensis									
掌苞紫堇	Isotype	MO	1724765	Smith H	3661	1922	China	GBIF	
C. quantmeyeriana	Isotype	PE	00934658	Smith H	3661	1922	China	CVH	
	Holotype	B	B_10_0295402	Smith H	3661	1922	China	GBIF/JSTOR	
	Syntype(Cotype)	E	E00062195	Smith H	3661	1922	China	CVH/JSTOR	
	Isotype	GB	GB-0048327	Smith H	3661	1922	China	GBIF/JSTOR	
	Isotype	LD	LD1400784	Smith H	3661	1922	China	GBIF/JSTOR	
	Isotype	MO	MO-150970	Smith H	3661	1922	China	JSTOR	
	Type	UPS	V-079780	Smith H		1922	China	GBIF	
朗县黄堇	Holotype	KUN	0675027	Ludlow F; Sherriff	5503	1938	China	CVH	
C. quinquefoliolata	Isotype	BM	BM000575000	Ludlow F; Sherriff	5503	1938	China	GBIF/JSTOR	
	Isotype	E	E00062261	Ludlow F et al.	5503	1938	China	CVH/GBIF/JSTOR	
小花黄堇	Lectotype	E	E00062239	Bodinier EM	2164	1898		CVH/GBIF	
C. racemosa	Isotype	E	E00062244	Handel-Mazzetti H	11	1919	China	CVH/GBIF	
	Type?	K	K000653441	Wang TH	11	1919	China	JSTOR	
	Lectotype	L	L0170256	Siebold PF von			Japan	GBIF/JSTOR	
	Isotype	P	P00745029	Handel-Mazzetti H		1919		CVH	
黄花地丁									未查询到 Not found
C. raddeana									
裂瓣紫堇	Isotype?	KUN	0675075	Handel-Mazzetti H	7455	1914	China	CVH	
C. radicans	Isotype?	B	B_10_0295400	Handel-Mazzetti H	7455	1914	China	GBIF/JSTOR	
	Isotype?	K	K000653538	Handel-Mazzetti H	7455	1915	China	JSTOR	
	Holotype	WU	WU0039878	Handel-Mazzetti H	7455	1915	China	JSTOR	
高雅紫堇	Type?	BM	BM000895112	Hanbury-Tracy J	60	1936	China	JSTOR	
C. regia									
全叶延胡索	Holotype	B	B_10_0295397	Mandl K		1920	China	GBIF/JSTOR	
C. repens									
C. rarissima									未查询到 Not found
囊果紫堇	Type	BM	BM000551571	Ludlow F; Sherriff	11094	1944	China	GBIF/JSTOR	
C. retingensis									
扇苞黄堇	Type	B	B_10_0295396	Smith H	3522	1922	China	GBIF/JSTOR	
C. rheinbabeniana	Syntype	LD	LD1463473	Smith H	3522	1922	China	GBIF/JSTOR	
	Type	P	P00745032	Wilson EH	3173	1904	China	CVH/GBIF/JSTOR	
	Type?	S	S-G-1614	Smith H	3522	1922	China	JSTOR	
	Syntype	UPS	V-091742	Smith H		1922	China	GBIF	
	Syntype	UPS	V-598534	Smith H		1922	China	GBIF	
露点紫堇									未查询到 Not found
C. rorida									
具喙黄堇	Type	E	E00062947	昆明-哥德堡考察	433	1993	China	JSTOR	
C. rostellata									
C. rubrisepala	Holotype	BM	BM000587525	Kingdon-Ward F	14138	1938	India	GBIF	
C. ruksansii	Type	B	B_10_0295394	Ruksans J et al.			Tajikstan	GBIF/JSTOR	
	Isotype	E	E00148385	Ruksans J et al.	8229		Tajikstan	GBIF/JSTOR	
	Type	GB	GB-0048330	Ruksans J et al.	8229		Tajikstan	GBIF/JSTOR	
C. rupestris	Type	B	B_10_0295391	Kotschy T	299	1843	Iran	GBIF/JSTOR	var. *bracteata*
	Type	B	B_10_0295392	Bornmüller A et al.	6109	1902	Iran	GBIF/JSTOR	var. *demawendi*
	Type	B	B_10_0295395		517		Iran	JSTOR	
	Isotype	BM	BM000574949	Kotschy T	517		Iran	JSTOR	
	Type	E	E00410887	Wendelbo P et al.	W8399	1969	Afghanistan	JSTOR	var. *bracteata*
	Type	E	E00410888	Hedge IC;	W3293	1962	Afghanistan	JSTOR	
	Type	E	E00410889	Wendelbo P et al.	W7837	1969	Afghanistan	JSTOR	
	Type	E	E00410890	Hedge IC;	W8855	1969	Afghanistan	JSTOR	

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	Type	E	E00410891	Rechinger KH	17557	1962	Afghanistan	JSTOR	
	Type	E	E00410892	Hedge IC;	W3720	1962	Afghanistan	JSTOR	
	Type	E	E00410893	Grey-Wilson C et	988	1971	Afghanistan	JSTOR	
	Type	E	E00410894	Bornmüller J;	6109	1902	Iran	JSTOR	
	Type	E	E00410895	Strauss T		1905	Iran	JSTOR	
	Type	E	E00410896	Wendelbo P	954	1959	Iran	JSTOR	
	Type	E	E00410898	Edmondson JR et	1566	1977	Iran	JSTOR	
	Type	E	E00410900	Kotschy T	299	1843	Iran	JSTOR	
	Type	H	H1052029	Kotschy T	299	1843	Iran	JSTOR	var. *bracteata*
	Type	K	K000653484	Kotschy T	299	1843	Iran	JSTOR	var. *bracteata*
	Type	K	K000653485	Kotschy T		1842	Iran	JSTOR	var. *bracteata*
	Original material	LE	LE00012803	Kotschy T	517	1842	Iran	JSTOR	
	Original material	LE	LE00012804	Kotschy T	299	1843	Iran	JSTOR	
	Isotype	MO	MO-149651	Kotschy T	517	1842	Iran	JSTOR	
	Type?	P	P02308063	Kotschy T	299	1843	Iran	JSTOR	
石隙紫堇									未查询到 Not found
C. rupifraga									
C. rutacea	Type	B	B_10_0295393	Fries TM	28	1849	Sweden	GBIF/JSTOR	
	Type	K	K000653403	Fries TM			Sweden	JSTOR	
	Type	MEL	MEL2407832	Fries TM		1854	Sweden	JSTOR	
C. rutifolia	Isotype	BM	BM000551508	Davis PH; Polunin	24158	1954	Turkey	GBIF/JSTOR	ssp. *kurdica*
	Type	BM	BM000613924	Heldreich T		1846	Greece	JSTOR	var. *subuniflora*
	Type	E	E00410786	Edmondson JR et	E2848	1979	Cyprus	JSTOR	
	Type	K	K000653406	Aucher - Eloy	402		Syria	JSTOR	ssp. *erdelii*
	Type	K	K000653407	Montbret		1834		JSTOR	ssp. *erdelii*
	Type	K	K000653574	Edgeworth MP	78	1844	India	JSTOR	
	Type	K	K000653575		12	1877	India	JSTOR	
	Syntype	LECB	LECB0002033	Komarov VL		1892	Uzbekistan	JSTOR	var. *alpina*
	Syntype	LECB	LECB0002034	Komarov VL		1893	Uzbekistan	JSTOR	var. *sylvatica*
	Type	SAV	SAV0005099	Nábělek F	843	1910	Iran	JSTOR	
	Type	SAV	SAV0005100	Nábělek F	844	1910	Turkey	JSTOR	
	Type	SAV	SAV0005101	Nábělek F	845	1910	Turkey	JSTOR	
	Type	SAV	SAV0005102	Nábělek F	846	1910	Iraq	JSTOR	
	Type	SAV	SAV0005103	Nábělek F	846	1910	Iraq	JSTOR	
	Type	SAV	SAV0005104	Nábělek F		1910	Iraq	JSTOR	
	Type	SAV	SAV0005105	Nábělek F	848	1910	Turkey	JSTOR	
囊瓣延胡索									未查询到 Not found
C. saccata									
中缅黄堇	Isotype	E	E00062207	Kingdon-Ward F		1914	Myanmar	GBIF/JSTOR	
C. saltatoria	Isotype	E	E00062208	Kingdon-Ward F	1708	1914	Myanmar	GBIF/JSTOR	
C. sangardanica									未查询到 Not found
肉鳞紫堇	isotype	KUN	0675103	Wilson EH	3179		China	CVH	
C. sarcolepis	isotype	P	P00745031	Wilson EH	3179	1904	China	CVH/GBIF	
岩黄连	Type	COI	63291	Willkomm HM		1845	Spain	GBIF	
C. saxicola	Type	BM	BM000574997	Henry A	3463		China	GBIF	
粗糙黄堇	Isosyntype	PE	00029117	Przewalski NM		1884	China	CVH	
C. scaberula	Holotype	PE	00934662	青藏队	9357	1976	China	CVH	var. *purpurescens*
	Paratype	PE	01008588	李馨	77934	1958	China	CVH	var. *purpurescens*
	Paratype	WUK	0234753	李馨	77934	1958	China	CVH	var. *purpurescens*
	Isotype	K	K000653541	Przewalski NM		1884	China	GBIF/JSTOR	
	Isotype	P	P02308116	Przewalski NM		1884	China	CVH/GBIF/JSTOR	
长距元胡	Isotype	E	E00148391				Kazakhstan	GBIF/JSTOR	ssp. *ainae*
C. schanginii	Type	GB	GB-0048332	Ruksans J		1977	Kazakhstan	GBIF/JSTOR	ssp. *ainae*
C. schelesnowiana	Type	K	K000653523	Fedtschenko		1870	Tajikistan	JSTOR	
	Isotype	S	S-G-10153	Regel A		1882	Turkmenistan	JSTOR	
裂柱紫堇									未查询到 Not found
C. schistostigma									
甘洛紫堇	Holotype	PE	00934545	武素功	2281	1959	China	CVH	var. *crassirhizomata*
C. schusteriana	Isotype	PE	00934546	武素功	2281	1959	China	CVH	var. *crassirhizomata*
	Isotype	PE	00934661	Smith H	1965	1922	China	CVH	
	Isotype	B	B_10_0295386	Smith H	1965	1922	China	GBIF/JSTOR	
	Paratype?	B	B_10_0295387	Maire EE	3609	1910	China	GBIF/JSTOR	

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	Isotype	E	E00062194	Smith H	1965	1922	China	CVH/JSTOR	
	Isotype	GB	GB-0048333	Smith H	1965	1922	China	GBIF/JSTOR	
	Paratype?	NAS	NAS00071001	Maire EE	3609		China	CVH	
	Paratype?	NYBG	NY00743715	Maire EE	3609	1910	China	CVH/GBIF	
	Holotype	UPS	V-031614	Smith H		1922	China	GBIF	
巧家紫堇									未查询到 Not found
C. schweriniana									
C. scouleri	Type	MO	1811049	Allen OD	118	1895	USA	GBIF	
	Type	K	K000653664				USA	JSTOR	
	Type	MO	MO-247675	Allen OD	118	1895	USA	JSTOR	
C. seisumsiana	Holotype	GB	GB-0048334	Seisums A			Azerbaijan	GBIF/JSTOR	
中亚紫堇	Type	K	K000653522	Semenow			Kyrgyzstan	JSTOR	
C. semenowii	Isotype	L	L0035407	Semenov BB				GBIF/JSTOR	
C. sewerzowii									未查询到 Not found
C. shakyae									未查询到 Not found
地锦苗	Type	B	B_10_0295383	Wilson EH	423	1900	China	GBIF/JSTOR	var. *changyangensis*
C. sheareri	Isotype	BM	BM000574995	Fortune R	10	1846	China	GBIF/JSTOR	f. *sheareri*
	Holotype	E	E00062216	Cavalerie J		1899	China	CVH	
	Isotype	HBG	HBG516931	Wilson EH	423	1900	China	GBIF/JSTOR	var. *changyangensis*
	Type	K	K000653543	Faber E	710		China	JSTOR	
	Type	K	K000653544	Maries			China	JSTOR	
	Type	K	K000653545	Shearer		1873	China	JSTOR	
	Type	P	P00745033	Delavay JM		1882	China	CVH	
	Type	P	P00745035	Delavay JM		1882	China	CVH	
	Type	P	P00745036	Delavay JM		1882	China	CVH	
	Type	P	P00745037	Delavay JM		1882	China	CVH	
	Holotype	WU	WU0039893	Handel-Mazzetti H	11610	1918	China	JSTOR	f. *bulbillifera*
	Isotype?	WU	WU0039894	Handel-Mazzetti H	11610	1918	China	JSTOR	f. *bulbillifera*
鄂西黄堇	Isotype	E	E00062210	中美联合考察队	399	1980	China	GBIF/JSTOR	
C. shennongensis	Isotype	NYBG	NY00743716	中美联合考察队	399	1980	China	GBIF/JSTOR	
陕西紫堇	Holotype	KUN	0675156		3640		China	CVH	
C. shensiana									
巴嘎紫堇	Holotype	BM	BM000551568	Ludlow F; Sherriff	5969	1938	China	GBIF/JSTOR	
C. sherriffii	Isotype	E	E00062260	Ludlow F; Sherriff	5969	1938	China	CVH/GBIF	
	Isotype	K	K000653546	Ludlow F; Sherriff	5969	1938	China	GBIF/JSTOR	
	Type	UPS	V-091644	Ludlow F; Sherriff	1938		China	GBIF	
石棉紫堇	Isotype	PE	00934664	谢朝俊/Hsieh CC	41217	1955	China	CVH	
C. shimienensis									
北紫堇	Isotype	P	P00747349	Hooker JD			India	JSTOR	
C. sibirica	Isotype	P	P00747350	Hooker JD			India	JSTOR	
甘南紫堇									未查询到 Not found
C. sigmantha									
C. sigmoides	Isotype	PE	00934667	宋滋圃	39088	1954	China	CVH	
	Isotype	PE	01009098	宋滋圃	39088	1954	China	CVH	
C. sikkimensis	Type	E	E00062277	Dr King's Collector		1886	India	JSTOR	
C. simplex	Holotype	BM	BM000521722	Einarsson S et al.	1970	1973	Nepal	GBIF/JSTOR	
箐边紫堇	Isotype	PE	00934665	Forrest G	10186	1913	China	CVH	
C. smithiana	Isotype	BM	BM000551570	Forrest G	10186	1913	China	GBIF/JSTOR	
	Isotype	BM	BM000551572	Forrest G	10186	1913	China	GBIF/JSTOR	
	Isotype	E	E00062223	Forrest G	10186	1913	China	CVH/GBIF/JSTOR	
	Isotype	K	K000653547	Forrest G			China	GBIF/JSTOR	
C. sochivkoi									未查询到 Not found
C. solida	Type	B	B_10_0295379	Waisbecker A		1894	Hungary	GBIF/JSTOR	f. *bicaulis*
	Type	B	B_10_0295380	Heldreich T	239	1844	Greece	GBIF/JSTOR	
	Type	B	B_10_0295381	Velenovsky J		1891	Bulgaria	GBIF	
	Type	B	B_10_0295382	Hausmann			Italy	GBIF/JSTOR	var. *australis*
	Type	BC	BC124946	Battandier JA			Algeria	GBIF/JSTOR	var. *bracteosa*
	Isotype	BM	BM000551509	Kotschy T	401	1850		GBIF	
	Isotype	E	E00062144	Balls EK	B176	1933	Turkey	GBIF/JSTOR	ssp. *tauricola*
	Type	E	E00410711	Sintenis P		1892	Turkey	JSTOR	
	Type	K	K000653401	Kotschy T	401	1850	Romania	JSTOR	
	Isotype	K	K000653478	Balls EK	B176	1933	Turkey	GBIF/JSTOR	ssp. *tauricola*

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	Type	LD	LD1041686	Battandier JA			Algeria	GBIF/JSTOR	
	Type	LD	LD1058950	Snogerup S et al.	41876	1971	Greece	GBIF/JSTOR	ssp. *longicarpa*
	Type	LD	LD1059014	Snogerup S et al.	41876	1971	Greece	GBIF/JSTOR	ssp. *longicarpa*
	Type	LD	LD1059078	Snogerup S et al.	41876	1971	Greece	GBIF/JSTOR	ssp. *longicarpa*
	Type	LD	LD1962307	Kotschy T		1850	Romania	GBIF	ssp. *solida*
	Type	MA	MA42846	Battardier JA			Algeria	JSTOR	var. *bracteosa*
	Holotype	MPU	MPU007531	Battardier JA			Algeria	GBIF/JSTOR	var. *bracteosa*
	Isotype?	MPU	MPU007532	Battardier JA			Algeria	GBIF/JSTOR	var. *bracteosa*
	Isotype	S	S-G-1615	Cyrén CAO		1933	Greece	JSTOR	ssp. *incisa*
	Holotype	S	S-G-1616	Arnell HW		1876	Russia	JSTOR	ssp. *subremota*
石渠黄堇 *C. sophronitis*									未查询到 Not found
匙苞黄堇	Type	KUN	0675246		13200		China	CVH	
C. spathulata	Type	B	B_10_0295375	Walton HJ		1904	China	GBIF/JSTOR	
	Type	BM	BM000551574	Walton HJ		1904	China	GBIF/JSTOR	
	Type	G	G00383168	Walton HJ		1904	China	JSTOR	
	Type	G	G-G-289345/1	Walton HJ			China	GBIF	
	Type?	K	K000653548	Stewart HM		1907	China	JSTOR	
	Isotype	K	K000653549	Walton HJ	69		China	GBIF	
	Isotype	K	K000653550	Walton HJ		1904	China	GBIF/JSTOR	
	Type	K	K000653656	Walton HJ	69	1904	China	JSTOR	
	Isotype	P	P00745044	Walton HJ		1904	China	GBIF/JSTOR	
珠果黄堇	Isolectotype	PE	00029118			1855		CVH	
C. speciosa	Type	B	B_10_0295376	Maximowicz CJ			Russia	GBIF/JSTOR	
	Syntype	TI	FKP:35957	Mori T	90	1910	South Korea	GBIF	
	Syntype	TI	FKP:35991	Nakai T	7057	1918	North Korea	GBIF	
	Syntype	TI	FKP:35994	Mori T	80	1910	South Korea	GBIF	
	Syntype	TI	FKP:36002	Nakai T	1031	1913	South Korea	GBIF	
	Holotype	KYO	FKP:71329	Ohwi J	35	1932	North Korea	GBIF	
	Type	G	G00383167	Maximowicz CJ		1859	Russia	JSTOR	
	Original material	H	H1348124	Maximowicz CJ			Russia	JSTOR	
	Type	K	K000653526	Maximowicz CJ			Russia	JSTOR	
	Type?	L	L0035405	Maximowicz CJ			Russia	GBIF/JSTOR	
	Type	MEL	MEL2407898	Maximowicz CJ		1855	Russia	JSTOR	
	Type	NYBG	NY00248526	Maximowicz CJ			Russia	GBIF/JSTOR	
	Type?	P	P00745043	Maximowicz CJ			Russia	GBIF/JSTOR	
C. spicata	Holotype	GB	GB-0048335	Shaxya PR et al.	8802	1985	Nepal	GBIF/JSTOR	
C. staintonii	Type?	HUH	A00006983	Stainton JDA	5484	1966	Nepal	GBIF	
	Type?	BM	BM000521714	Stainton JDA	5408	1966	Nepal	GBIF	
	Type?	BM	BM000521723	Stainton JDA	5484	1966	Nepal	GBIF/JSTOR	
	Type?	BM	BM000521725	Stainton JDA et al.	2999	1954	Nepal	GBIF	
	Type?	E	E00062278	Stainton JDA	5408	1966	Nepal	GBIF	
	Type?	E	E00062279	Stainton JDA et al.	2999	1954	Nepal	GBIF	
	Type?	E	E00062280	Stainton JDA	5484	1966	Nepal	GBIF/JSTOR	
	Type	KATH	KATH001257	Shrestha TB	5298	1966	Nepal	JSTOR	
洱源紫堇	Type	B	B_10_0295377	Delavay JM		1887	China	GBIF/JSTOR	
C. stenantha	Type	K	K000653551	Delavay JM	2677	1888	China	JSTOR	
	Isotype	P	P00745045	Delavay JM	2881	1887	China	CVH/GBIF/JSTOR	
	Type	P	P00745046	Delavay JM	2881	1887	China	CVH/GBIF/JSTOR	
	Type	P	P00745047	Delavay JM	2881	1887	China	CVH/GBIF/JSTOR	
	Type	P	P00745048	Delavay JM	2881	1887	China	CVH/GBIF/JSTOR	
C. stenophylla									未查询到 Not found
C. stipulata	Holotype	BM	BM000521724	Stainton JDA	5127	1965	Nepal	GBIF/JSTOR	
匍匐茎紫堇 *C. stolonifera*	Holotype	UPS	V-237929	Lidén M et al.	2007		China	GBIF	
折曲黄堇	Isotype	HUH	A00353689	Strachey R et al.	9		India	GBIF	
C. stracheyi	Type	K	K000653620		1434		Inida	JSTOR	
	Type	K	K000653621	Hooker JD			Inida	JSTOR	
草黄堇	Isosyntype	PE	00029119	Przewalski NM		1880	China	CVH	
C. straminea	Isotype	E	E00062188	Przewalski NM		1880	China	CVH/GBIF/JSTOR	
	Type	K	K000653552	Potanin GN		1885	China	JSTOR	
	Type	K	K000653553	Potanin GN		1885	China	JSTOR	

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	Type	K	K000653554	Przewalski NM		1880	China	JSTOR	
索县黄堇									未查询到 Not found
C. stramineoides									
纹果紫堇									未查询到 Not found
C. striatocarpa									
直茎黄堇	Type	B	B_10_0295373			1856	China	GBIF	
C. stricta	Type	B	B_10_0295374	Potanin GN		1877	Mongolia	GBIF/JSTOR	var. *potaninii*
	Type	H	H1348332				Russia	JSTOR	
	Type?	K	K000653627	Lance	30		Inida	JSTOR	
	Type?	K	K000653628	Jacquemont V	735		Inida	JSTOR	
C. subjenisseensis									未查询到 Not found
C. subverticillata									未查询到 Not found
幽溪紫堇	Isotype	HUH	A00435878	Boufford DE et al.	32783	2005	China	GBIF/JSTOR	
C. susannae	Isotype	CAS	CAS0410511	Boufford DE et al.	32783	2005	China	JSTOR	
	Holotype	UPS	V-237920	Boufford DE et al.	2005		China	GBIF	
茎节生根紫堇	Isotype	UPS	V-237916	Lidén M; Su ZY		2004	China	GBIF	
C. suzhiyunii									
金钩如意草	Isotype	HUH	A00006967	Delavay JM	2614	1887	China	CVH/GBIF	
C. taliensis	Isotype	B	B_10_0295371	Delavay JM	2614	1887	China	GBIF/JSTOR	
	Isotype	B	B_10_0295372	Delavay JM	2614	1887	China	GBIF/JSTOR	
	Holotype	E	E00015466	Kingdon-Ward F	4582	1921	China	CVH/GBIF/JSTOR	ssp. *muliensis*
	Isotype	K	K000653555	Delavay JM	2614	1887	China	JSTOR	
	Isotype	NAS	NAS00071000	Delavay JM	2614	1887	China	CVH	
	Isotype	NYBG	NY00248527	Delavay JM	2614	1887	China	CVH/GBIF	
	Isotype	P	P00745049	Delavay JM	2614	1887	China	CVH/GBIF/JSTOR	
	Isotype	P	P00745050	Delavay JM	2614	1887	China	CVH/GBIF/JSTOR	
	Isotype	P	P00745052	Delavay JM	2614	1887	China	CVH/GBIF/JSTOR	
	Holotype	WU	WU0027793	Handel-Mazzetti H	513	1914	China	JSTOR	var. *ecristata*
	Paratype	WU	WU0039886	Handel-Mazzetti H	9435	1916	China	JSTOR	
C. talpina									未查询到 Not found
唐古特延胡索									未查询到 Not found
C. tangutica									
C. tarkiensis									未查询到 Not found
C. tauricola	Type	E	E00410728	Davis PH; Hedge	D27057	1957	Turkey	JSTOR	
	Type	E	E00410732	Coode MJE; Jones	1965		Turkey	JSTOR	
	Type	E	E00410734	Davis PH; Hedge	D26591	1957	Turkey	JSTOR	
	Type	E	E00410735	Davis PH; Hedge	D26350	1957	Turkey	JSTOR	
	Type	E	E00410736	Coode MJE et al.	996	1965	Turkey	JSTOR	
	Type	E	E00410738	Davis PH; Hedge	D26683	1957	Turkey	JSTOR	
C. teberdensis									未查询到 Not found
黄绿紫堇									未查询到 Not found
C. temolana									
大叶紫堇	Type	B	B_10_0295370	Farges RP			China	GBIF/JSTOR	
C. temulifolia	Type	BM	BM000551577	Henry A	5284a	1885	China	GBIF/JSTOR	
	Holotype?	E	E00062198	Martin LF	2121	1898	China	CVH	
	Type?	E	E00062199	Cavalerie J		1899	China	GBIF/JSTOR	
	Type	K	K000653556	Henry A	5284		China	JSTOR	
	Type	K	K000653557	Henry A	5284		China	JSTOR	
	Type	NYBG	NY00248528	Farges PG	501		China	CVH/GBIF/JSTOR	
	Type	NYBG	NY00248534	Pételot PA		1930	Vietnam	JSTOR	
	Type	P	P00745051	Farges PG	501		China	CVH/GBIF/JSTOR	
	Type	P	P00745053	Farges PG			China	CVH/GBIF/JSTOR	
	Type	P	P00745054	Farges PG	501		China	CVH/GBIF/JSTOR	
	Type	P	P00745055	Farges PG	501		China	CVH/GBIF/JSTOR	
	Type	P	P00745056	Farges PG	501		China	CVH/GBIF/JSTOR	
柔弱黄堇	Isotype	PE	00029121	俞德浚	8555	1937	China	CVH	
C. tenerrima	Isotype	PE	00934669	俞德浚	8555	1937	China	CVH	
细柄黄堇	Holotype	BM	BM000529198	Kingdon-Ward F	10812	1933	China	GBIF/JSTOR	
C. tenuipes									
三裂延胡索									未查询到 Not found
C. ternata									
神农架紫堇	Paratype	PE	00934670	神农架队	21180	1976	China	CVH	

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C. ternatifolia	Holotype	PE	02021703	神农架队	21236	1976	China	CVH	
	Paratype	PE	02021704	神农架队	21180	1976	China	CVH	
C. terracina	Holotype	BM	BM000521726	Stainton JDA et al.	4880	1954	Nepal	GBIF/JSTOR	
C. thyrsiflora	Type	B	B_10_0295369	Duthie JF		1893	India	GBIF/JSTOR	
	Isosyntype	HUH	GH00007293	Strachey R et al.	12		China	CVH/GBIF	
天山黄堇	Holotype	HUH	A00872466	Liston AI et al.	820-3	1989	China	GBIF	
C. tianshanica	Isotype	F	F0077287F	Liston AI et al.	820-3	1989		GBIF/JSTOR	
天祝黄堇 *C. tianzhuensis*									未查询到 Not found
西藏黄堇	Isotype	HUH	A00006969	Thomson T			China	GBIF	
C. tibetica	Type	B	B_10_0295348	Thomson T			China	GBIF/JSTOR	
	Type?	B	B_10_0295365	Delavay JM		1884	China	GBIF/JSTOR	
	Lectotype	BM	BM000551578	Thomson T			China	GBIF/JSTOR	
	Type?	BM	BM000946177	Clarke CB	30466B	1876	China	GBIF/JSTOR	
	Type?	E	E00209314	Forrest G	10122	1913	China	JSTOR	
	Isotype	HUH	GH00006969	Thomson T			China	CVH	
	Type?	K	K000653561	Delavay JM			China	JSTOR	
	Syntype	K	K000653562	Thomson T		1848	China	JSTOR	
	Type	K	K000653609	Thomson T		1848	China	GBIF/JSTOR	
	Type	K	K000653610	Thomson T		1848	China	JSTOR	
	Syntype	LD	LD1403484	Thomson T			China	GBIF/JSTOR	
	Paratype	STU	Main-1-12738	Thomson T				GBIF	
	Type?	NYBG	NY00248535	Thomson T			China	CVH/GBIF/JSTOR	
西藏高山紫堇 *C. tibetoalpina*	Holotype	K	K000653563	Jacquemont V	728	1809	China	JSTOR	
西藏对叶黄堇 *C. tibetooppositifolia*									未查询到 Not found
C. transalaica									未查询到 Not found
毛黄堇	Holotype	B	B_10_0295366	Farges PG			China	GBIF/JSTOR	
C. tomentella	Type	K	K000653564	Farges RP			China	JSTOR	
	Type	NYBG	NY00248530	Farges PG			China	GBIF	
	Type?	NYBG	NY00248530	Farges PG			China	CVH/JSTOR	
	Type?	P	P00745059	Farges PG	734		China	CVH/GBIF/JSTOR	
	Type	P	P00745061	Farges PG	734		China	CVH/GBIF/JSTOR	
	Isotype	P	P00745062	Farges PG	734		China	CVH/GBIF/JSTOR	
全冠黄堇	Type?	KUN	0674242		29	1891	China	CVH	
C. tongolensis	Holotype	B	B_10_0295367	Souli éJA			China	GBIF/JSTOR	
	Isotype	P	P00745063	Souli éJA	29	1891	China	GBIF/JSTOR	
	Isotype	P	P00745064	Souli éJA	29	1891	China	GBIF/JSTOR	
C. tortisiliqua	Isotype	US	581865	Goodding LN	2071	1903	USA	GBIF	
	Original material	B	B_10_0295368	Goodding LN		1903	USA	GBIF	
	Isotype	NYBG	NY00248507	Goodding LN	2071	1903	USA	GBIF	
糙果紫堇	Type?	PE	00029122	Przewalski NM		1872	China	CVH	
C. trachycarpa	Isotype	PE	01040719	Rock JF	14380	1926	China	CVH	
	Type	KUN	0675593	王庆瑞 等	6305	1977	China	CVH	
	Holotype?	KUN	0675611	Rock JF	14380	1926	China	CVH	
	Isotype	E	E00062182	Rock JF	14380	1926	China	CVH/GBIF	
	Type?	E	E00062183	Smith H	3113	1922	China	CVH/GBIF	
	Type?	K	K000653566	Przewalski NM	222	1872	China	JSTOR	
	Isotype	NAS	NAS00323307	Rock JF	14380	1926	China	CVH	
三裂紫堇	isotype	P	P00745065	Delavay JM	82	1884	China	CVH/GBIF	
C. trifoliata	isotype	P	P00745066	Delavay JM	82	1884	China	CVH/GBIF	
三裂瓣紫堇 *C. trifoliolata*	Type	B	B_10_0295361	Delavay JM		1884	China	GBIF	
C. trilobipetala	Holotype	WU	WU0039876	Handel-Mazzetti H	7339	1915	China	JSTOR	
秦岭黄堇	Type	B	B_10_0295362	Farges PG	308		China	GBIF/JSTOR	
C. trisecta	Type	P	P00745067	Farges PG	308		China	CVH/GBIF/JSTOR	
	Isotype	P	P00745068	Farges PG	308		China	CVH/GBIF/JSTOR	
	Type	P	P00745069	Farges PG		1895-1897	China	CVH/GBIF/JSTOR	
	Type	P	P00745070	Farges PG	308		China	CVH/GBIF/JSTOR	
	Type	P	P00745071	Farges PG			China	CVH/GBIF/JSTOR	
	Type	P	P00745072	Farges PG			China	CVH/GBIF/JSTOR	

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C. triternata	type	B	B_10_0295363	Delavay JM	4004	1889	China	GBIF/JSTOR	
	type	B	B_10_0295364	Delavay JM	4004	1889	China	GBIF/JSTOR	
	Type	E	E00410725	Archibald JC	1056	1966	Lebanon	JSTOR	
	Type	E	E00410726	Polunin OV	5330	1959	Lebanon	JSTOR	
	Isosyntype	MPU	MPU013529	Schubert			Lebanon	GBIF/JSTOR	
重三出黄堇	Type	E	E00117480	Forrest G	7796	1912	China	JSTOR	
C. triternatifolia	Isotype	P	P00745073	Delavay JM	4004	1889	China	CVH/JSTOR	
	Holotype	P	P00745074	Delavay JM	4004	1889	China	CVH/JSTOR	
藏紫堇	Type	BM	BM000551593	Aufschnaiter P		1951	China	GBIF/JSTOR	
C. tsangensi									
察隅紫堇	Isotype	PE	00934673	青藏队	73-477	1973	China	CVH	
C. tsayulensis	Isotype	PE	00934674	青藏队	73-477	1973	China	CVH	
	Paratype	PE	01008015	青藏队	73-1159	1973	China	CVH	
	Paratype	PE	02050397	青藏队	73-1159	1973	China	CVH	
	Paratype	KUN	0675701	吴征镒	4541	1976	China	CVH	
齿瓣延胡索	Type	IFP	06203005zd001	李树殿	5	1964	China	CVH	f. *multisecta*
C. turtschaninovii	Isotype	K	K000653527	Turczaninow		1831	Russia	GBIF/JSTOR	
	Type	P	P00745077	Savatier PAL			Japan	JSTOR	
C. udokanica									未查询到 Not found
C. uncinata	Holotype	BM	BM000521727	Stainton JDA	5508	1966	Nepal	GBIF/JSTOR	
	Type	E	E00062284	Stainton JDA	5535	1966	Nepal	GBIF	
	Type	E	E00438831	Stainton JDA	5508	1966	Nepal	GBIF	
C. uncinatella	Type	BM	BM000521728	Stainton JDA	5481	1966	Nepal	GBIF/JSTOR	
	Isotype	E	E00062285	Stainton JDA	5481	1966	Nepal	GBIF/JSTOR	
C. uniflora	Syntype	PRC	451479	Sieber FW		1828	Greece	GBIF	
	Syntype	PRC	451480	Sieber FW		1828	Greece	GBIF	
	Type?	PRC	451481	Sieber FW			Greece	GBIF	
	Type	BM	BM000613925	Heldreich T		1846	Greece	JSTOR	
	Syntype	PRC	PRC451481	Sieber FW			Greece	JSTOR	
立花黄堇	Holotype	E	E00062293	Reid JR		1886	India	GBIF	
C. uranoscopa									
吉林延胡索	Topotype	DAO	DAO000001575	Teczaeva T	1966	1966	Russia	JSTOR	
C. ussuriensis									
圆根紫堇	Isotype	B	B_10_0295360	Schneider C	1584	1914	China	GBIF/JSTOR	
C. uvaria	Holotype	E	E00062171	Schneider CK	1584	1914	China	GBIF/JSTOR	
C. vaginans	Type	BM	BM000551638	Wallich N	1434		India	GBIF	
	Type	E	E00062296	Royle JF			India	JSTOR	
	Type	K	K000653658		127		India	GBIF/JSTOR	
	Type	K	K000653659				India	GBIF/JSTOR	
C. verticillaris	Type	B	B_10_0295357	Olivier GA			Iran	GBIF/JSTOR	
	Type	E	E00410830	Rechinger KH et al.	2825	1948	Iran	JSTOR	
	Type	E	E00410831	Wendelbo PEB	289	1959	Iran	JSTOR	
	Type	E	E00410832	Wendelbo P et al.	11430	1974	Iran	JSTOR	
	Type	E	E00410833	Furse P	1111	1962	Iran	JSTOR	
	Type	E	E00410835	Furse P	1751	1962	Iran	JSTOR	
	Type	E	E00410836	Bornmueller J et al.	6110	1902	Iran	JSTOR	
	Holotype	GB	GB-0048337	Sharif	6554-E	1951	Iran	GBIF/JSTOR	ssp. *parviflora*
腋含珠紫堇	Type?	PH	PH00006773	Nuttall T			USA	JSTOR	
C. virginea									
C. vittae	Isotype	TBI	TBI1025273	Kolakovskyi A et			Georgia	JSTOR	
胎生紫堇	Holotype	B	B_10_0295354	Smith H	2079	1922	China	GBIF/JSTOR	
C. vivipara	Syntype	E	E00062197	Smith H	2079	1922	China	CVH	
	Isotype	GB	GB-0048339	Smith H	2079	1922	China	GBIF/JSTOR	
	Type	UPS	V-079790	Smith H		1922	China	GBIF	
川西紫堇	Type	B	B_10_0295356	Weigold H		1915	China	GBIF/JSTOR	
C. weigoldii									
C. wendelboi	Type	E	E00410712	Sintenis P	3821	1982	Turkey	JSTOR	
	Type	E	E00410755	Tobey C	577A	1964	Turkey	JSTOR	
	Type	E	E00410757	Kukkonen I	5404	1972	Turkey	JSTOR	
	Type	E	E00410761	Rückbrodt D		1974	Turkey	JSTOR	
	Type	E	E00410773	Lewejohann K;	TU-74-056	1874	Turkey	JSTOR	
	Holotype	GB	GB-0048340	Mathew B			Turkey	GBIF/JSTOR	ssp. *congesta*

物种 Species	模式标本类型 Resource type	馆藏地 Herbarium	馆藏号 Catalog No.	采集人 Collector	采集号 Col. No.	采集时间 Col. date	模式产地 Type locality	数据库 Database	备注 Remark
阜平黄堇	Isotype	HUH	A00007295	Wilford C		1859	South Korea	GBIF	
C. wilfordii	Type	B	B_10_0295353	Wilford C		1859	South Korea	GBIF	
	Isotype	HUH	GH00007295	Wilford C		1859	China	JSTOR	
川鄂黄堇	Type	K	K000653568	Wilson EH			China	JSTOR	
C. wilsonii									
C. wyomingensis	Holotype	B	B_10_0295352	Forwood WH		1882	USA	GBIF	
延胡索	Isotype	PE	00934677	工作站同人	1514	1951	China	CVH	
C. yanhusuo	Isotype	PE	01901326	工作站同人	1514	1951	China	CVH	
	Holotype	NAS	NAS00323329		1514	1951	China	CVH	
雅江紫堇	Holotype	PE	00934678	黄治平等	473	1930	China	CVH	
C. yargongensis									
春花紫堇									未查询到 Not found
C. verna									
C. violacea									未查询到 Not found
C. vorobievii									未查询到 Not found
瘤籽黄堇	Isotype	HUH	A00359274	俞德浚	14304	1937	China	GBIF/JSTOR	
C. yui	Isotype	BM	BM000551594	俞德浚	14304	1937	China	GBIF/JSTOR	
	Holotype	E	E00062215	俞德浚	14304	1937	China	GBIF/JSTOR	
滇黄堇	Type	KUN	0675774		1864		China	CVH	
C. yunnanensis	Isosyntype	HUH	A00006971	Delavay JM	1864	1885	China	CVH/GBIF	
	Type	B	B_10_0295349	Delavay JM	1864	1885	China	GBIF/JSTOR	
	Type?	B	B_10_0295350	Delavay JM		1887	China	JSTOR	
	Syntype	E	E00062201	Forrest G	292	1904	China	CVH/GBIF/JSTOR	
	Syntype	E	E00062202	Forrest G	223	1904	China	CVH/GBIF/JSTOR	
	Isosyntype	HBG	HBG525199	Delavay JM		1885	China	GBIF	
	Type	K	K000653569	Delavay JM	1864	1883	China	JSTOR	
	Type	K	K000653570	Delavay JM	1864	1885	China	JSTOR	
	Type?	NYBG	NY00248531	Delavay JM	1864	1885	China	CVH/GBIF/JSTOR	
	Isotype	P	P00745085	Delavay JM	1864	1887	China	CVH/GBIF/JSTOR	
	Type	P	P00745086	Delavay JM	1864	1885	China	CVH/GBIF/JSTOR	
	Type?	P	P00745087	Delavay JM			China	CVH/GBIF/JSTOR	
	Type	P	P00745088	Delavay JM	1864	1885	China	CVH/GBIF/JSTOR	
	Type?	P	P00745089	Delavay JM			China	CVH/GBIF/JSTOR	
	Type?	P	P00745090	Delavay JM			China	CVH/GBIF/JSTOR	
角瓣延胡索									未查询到 Not found
C. watanabei									
齿苞黄堇									未查询到 Not found
C. wuzhengyiana									
覆鳞紫堇									未查询到 Not found
C. yaoi									
杂多紫堇	Isotype	PE	00934679	刘尚武	00301	1965	China	CVH	
C. zadoiensis	Isolectotype	PE	01040957	杨永昌	1224	1965	China	CVH	
	Isolectotype	PE	01040958	杨永昌	1224	1965	China	CVH	
	Isolectotype	PE	01040959	高生所藏药队	1118	1972	China	CVH	
	Isolectotype	PE	01040961	杨永昌	470	1964	China	CVH	
C. zeravschanica	Isotype	GB	GB-0048341	Mikhaylova M	186	1979	Tajikstan	GBIF	
	Isotype	K	K001235236	Mikhaylova M	186	1979	Tajikstan	GBIF	
	Isotype	L	L0820083	Mikhaylova M	186	1979	Tajikstan	GBIF	
	Type	MSU	MW0592514	Mikhaylova M		1979	Tajikstan	GBIF	
C. zetterlundii	Type	B	B_10_0295351	Zetterlund H et al.	1988		Macedonia	GBIF	
	Type	GB	GB-0048342	Zetterlund H et al.	8864	1988	Macedonia	GBIF/JSTOR	
中甸黄堇	Type	E	E00062946	昆明-哥德堡考察	77	1993	China	JSTOR	
C. zhongdianensis									

注：**ARIZ**. 亚利桑那大学标本馆；**B**. 德国柏林-达勒姆植物园标本馆；**BC**. 巴塞罗那博特尼学院标本馆；**BM**. 英国自然历史博物馆；**BR**. 比利时梅瑟植物园标本馆；**BRIT**. 美国德克萨斯植物研究所；**C**. 丹麦哥本哈根大学植物园标本馆；**CAS**. 美国加利福尼亚州科学院标本馆；**CDBI**. 中国科学院成都生物研究所标本馆；**CAN**. 加拿大自然博物馆；**COI**. 葡萄牙科英布拉大学植物标本馆；**DAO.** 加拿大农业食品部；**E**. 英国爱丁堡皇家植物园标本馆；**ERE**. 亚美尼亚国家科学院植物研究所标本馆；**F**. 美国菲尔德自然史博物馆；**FI**. 意大利国家自然历史博物馆；**G**. 瑞士日内瓦植物园；**GB**. 瑞典哥德堡大学标本馆；**GDC**. 法国德康多尔植物标本馆；**GOET**. 德国哥廷根大学标本馆；**GZU**. 卡尔·弗兰森格拉茨大学标本馆；**H**. 芬兰赫尔辛基大学标本馆；**HAL**. 德国马丁路德大学标本馆；**HBG**. 德国汉堡大学标本馆；**HNWP**. 中国科学院西北高原生物研究所标本馆；**HUH**. 美国哈佛大学植物标本馆（包括 A、AMES、

ECON、FH、GH 等 5 家馆藏机构)；**IBSC**. 中国科学院华南植物园标本馆；**IFP**. 中国科学院沈阳应用生态研究所标本馆；**JE**. 德国耶拿大学标本馆；**K**. 英国皇家植物园邱园标本馆；**KATH**. 尼泊尔国家植物标本馆和植物实验室；**KFTA**. 俄罗斯圣彼得堡基洛夫林业学院标本馆；**KUN**. 中国科学院昆明植物研究所标本馆；**KW**. 乌克兰国家科学院植物研究所；**KYO**. 京都大学标本馆；**L**. 荷兰博物学生物多样性中心，原莱顿大学；**LD**. 瑞典隆德大学标本馆；**LE**. 俄罗斯科学院科马洛夫植物研究所标本馆；**LECB**. 俄罗斯圣彼得堡国立大学标本馆；**M**. 慕尼黑巴伐利亚国立植物陈列馆；**MA**. 西班牙马德里皇家植物园；**MEL**. 澳大利亚维多利亚国家植物标本馆；**MEXU**. 墨西哥国立自治大学标本馆；**MICH**. 密歇根大学标本馆；**MIN**. 明尼苏达大学标本馆；**MO**. 美国密苏里植物园标本馆；**MSU**. 俄罗斯莫斯科国立大学标本馆；**MPU**. 法国蒙彼利埃大学标本馆；**MSB**. 慕尼黑路德维希·马克西米利安大学标本馆；**MSC**. 美国密歇根州立大学标本馆；**MU**. 美国迈阿密大学标本馆；**NAS**. 江苏省中国科学院植物研究所标本馆；**NDG**. 美国圣母大学标本馆；**NYBG**. 美国纽约植物园标本馆；**OSC**. 俄勒冈州立大学标本馆；**P**. 法国巴黎国家自然历史博物馆标本馆；**PE**. 中国科学院植物研究所标本馆；**PH**. 美国费城自然科学研究院标本馆；**PRC**. 捷克布拉格查理大学标本馆；**RM**. 美国怀俄明大学标本馆；**RSA**. 美国圣塔安那农场植物园；**S**. 瑞典国家自然历史博物馆；**SAV**. 斯洛伐克科学院标本馆；**SBBG**. 美国圣巴巴拉植物园标本馆；**SM**. 重庆市中药研究所标本馆；**STU**. 德国斯图加特国家自然历史博物馆；**SZ**. 四川大学生物系植物标本馆；**TAIF**. 台湾林业试验所标本室；**TBI**. 美国伊利亚州立大学植物研究所；**TCD**. 爱尔兰都柏林圣三一大学标本馆；**TEX**. 美国得克萨斯大学奥斯汀分校标本馆；**TI**. 日本东京大学标本馆；**TNS**. 台湾国立科学博物馆；**UBT**. 德国拜罗伊特大学标本馆；**UC**. 美国加州大学标本馆；**UPS**. 瑞典乌普萨拉大学演化博物馆；**US**. 美国史密森研究院标本馆；**VT**. 美国佛蒙特大学标本馆；**WU**. 奥地利维也纳大学标本馆；**WUK**. 西北农林科技大学生命科学学院植物研究所标本馆；**YU**. 耶鲁大学标本馆.

Note: **ARIZ**. University of Arizona; **B**. Botanic Garden and Botanical Museum Berlin-Dahlem; **BC**. Institut Botànic de Barcelona; **BM**. The Natural History Museum; **BR**. Meise Botanic Garden; **BRIT**. Botanical Research Institute of Texas; **C**. Museum Botanicum Hauniense, University of Copenhagen; **CAS**. California Academy of Sciences; **CDBI**. Chengdu Institute of Biology, Chinese Academy of Sciences; **CAN**. Canadian Museum of Nature; **COI**. Herbarium of University of Coimbra; **DAO**. Agriculture and Agri-Food Canada; **E**. Royal Botanic Garden Edinburgh; **ERE**. Institute of Botany of the National Academy of Sciences of Armenia; **F**. Field Museum of Natural History; **FI**. Natural History Museum; **G**. Conservatoire et Jardin botaniques de la Ville de Genève; **GB**. University of Gothenburg; **GDC**. De Candolle Herbarium; **GOET**. Universität Göttingen; **GZU**. Karl-Franzens-Universität Graz; **H**. University of Helsinki; **HAL**. Martin-Luther-Universität; **HBG**. Universitof Hamburg; **HNWP**. Northwest Institute of Plateau Biology, Chinese Academy of Sciences; **HUH**. Harvard University; **IBSC**. South China Botanical Garden; **IFP**. Institute of Applied Ecology, Academia Sinica; **JE**. Friedrich-Schiller-Universität Jena; **K**. Royal Botanic Gardens, Kew; **KATH**. National Herbarium and Plant Laboratories; **KFTA**. Saint Petersburg S. M. Kirov Forestry Academy; **KUN**. Kunming Institute of Botany, Chinese Academy of Sciences; **KW**. M.G. Kholodny Institute of Botany, National Academy of Sciences of Ukraine; **KYO**. Kyoto University; **L**. Naturalis Biodiversity Centre, Formerly Leiden University; **LD**. Lund University; **LE**. Komarov Botanical Institute of RAS; **LECB**. Saint Petersburg University; **M**. Staatliche Naturwissenschaftliche Sammlungen Bayerns (SNSB); **MA**. Real Jardín Botánico; **MEL**. Royal Botanic Gardens Victoria; **MEXU**. Herbario Nacional de México Universidad Nacional Autónoma de México; **MICH**. University of Michigan; **MIN**. University of Minnesota; **MO**. Missouri Botanical Garden; **MSU**. Moscow State University; **MPU**. Herbier de l' Universite MontPEllier II; **MSB**. Ludwig-Maximilians-Universität; **MSC**. Michigan State University; **MU**. Miami University; **NAS**. Institute of Botany, Jiangsu Province and Chinese Academy of Sciences; **NDG**. University of Notre Dame; **NYBG**. The New York Botanical Garden; **OSC**. Oregon State University; **P**. Muséum National d'Histoire Naturelle; **PE**. Herbarium of Institute of Botany, Chinese Academy of Sciences; **PH**. Academy of Natural Sciences, Pennsylvania, Philadelphia; **PRC**. Charles University, Prague; **RM**. University of Wyoming; **RSA**. California Botanic Garden; **S**. Swedish Museum of Natural History; **SAV**. Slovak Academy of Sciences; **SBBG**. Santa Barbara Botanic Garden; **SM**. Chongqing Municipal Academy of Chinese Materia Medica; **STU**. Staatliches Museum für Naturkunde Stuttgart; **SZ**. Sichuan University; **TAIF**. Taiwan Forestry Research Institute; **TBI**. Institute of Botany, Ilia State University; **TCD**. Herbarium, Trinity College, Dublin; **TEX**. University of Texas at Austin; **TI**. University of Tokyo; **TNS**. National Museum of Nature and Science; **UBT**. University of Bayreuth; **UC**. University of California; **UPS**. Museum of Evolution, Uppsala University; **US**. United States National Herbarium, Smithsonian Institution; **VT**. University of Vermont; **WU**. Universität Wien; **WUK**. Northwestern Institute of Botany; **YU**. The Peabody Museum of Natural History, Yale University Herbarium.